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REPORTS

AGRICULTURE • ECONOMICS

from USDA's Economics Agencies

Annual issue 1994



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Who We Are

This catalog lists the products available from USDA's economics agencies. Because USDA is in the midst of a reorganization, agency names may change. What won't change, however, is our commitment to bring our customers the latest economic analysis and statistical data quickly, at affordable prices.

Economic Research Service (ERS) situation and outlook reports and periodicals analyze the current situation and forecast market conditions. ERS monographs offer economic analysis in the areas of trade, production, rural development, farm inputs, and other topics. National Agricultural Statistics Service (NASS) reports estimate production, stocks, inventories, disposition, utilization, and prices of agricultural commodities, and such other items as labor and farm numbers. The World Agricultural Outlook Board (WAOB) issues regular forecasts of U.S. and world supply and demand prospects for major agricultural commodities.

How to order

To purchase items in this catalog, please use the order form on pages 23-24, or call our order desk toll free at 1-800-999-6779.

For inquiries and customer service, please dial 1-703-834-0125.



Electronic Information and Data from ERS-NASS

The Economic Research Service and the National Agricultural Statistics Service provide electronic information and data in formats tailored to your needs and technologies. If you have a personal computer (with or without a modem), a facsimile machine, or are connected to the Internet/NREN, ERS-NASS data can be at your fingertips.

Data Products on Diskette and CD-ROM

ERS-NASS offers a wide variety of data products on diskettes covering all aspects of domestic and international agriculture, agricultural economics, and rural affairs. Most of these products are in Lotus 1-2-3 spreadsheet files for easy analysis with your favorite spreadsheet or statistical package. A listing of all products can be found beginning on page 5 of this catalog.

The listing also indicates which of the data products are included on the ERS Data Products CD-ROM disc. This disc includes over 6,500 spreadsheet files from 118 data products along with easy-to-use software to find and download files. Buy the CD-ROM and use the savings to buy a CD-ROM drive for your computer! See page 4.

The Call-ERS/NASS Bulletin Board

With a PC and a modem, you can use the Call-ERS/NASS bulletin board to stay informed about new reports and data products, get timely situation and outlook report summaries, and download samples of ERS data products, all at no charge. And get selected periodicals (via subscription) electronically days before the printed copy reaches your mailbox. Reports with stock numbers ending in -BB (*Agricultural Prices*, *Broiler Hatchery*, *Crop Production*, *Crop Progress*, and the *LDP Situation and Outlook* series), described on pages 20-34 of this catalog, are available on Call-ERS/NASS.

Call-ERS/NASS supports 1200/2400/9600 baud modems (8, N, 1) on 1-800-821-6229 or 1-202-219-0378. It is also available to Internet users: telnet fedworld.gov, login as a Fed-World user (free), and connect to BBS # 113. Call-ERS/NASS today!

ERS AutoFAX

This new service from ERS is available right from your fax machine. Place a call to 202-219-1107 using the handset attached to your fax, answer the voiceprompts, and in seconds, ERS information and data is on its way to you! **AutoFAX** has basic information on current research, farm income, crops, vegetables and specialties, U.S. agricultural trade, and other subjects. Call **AutoFAX** and ask for document ID no. 0411 for more information and a directory.

Data on the Worldwide Internet

ERS and NASS data products on diskette and CD-ROM are now available on the worldwide Internet. Through a cooperative project with Cornell University, the Albert R. Mann Library distributes ERS data through a Gopher server and anonymous FTP. If you're an Internet user, over 260MB of data are available in over 7,000 files. For access:

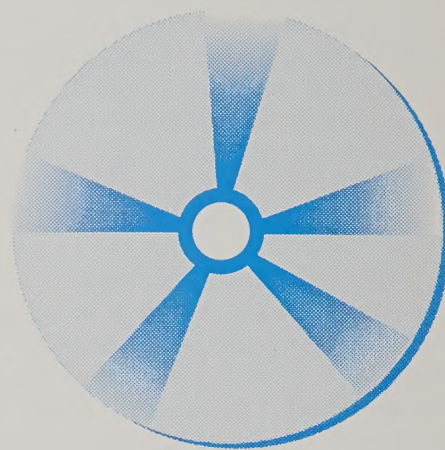
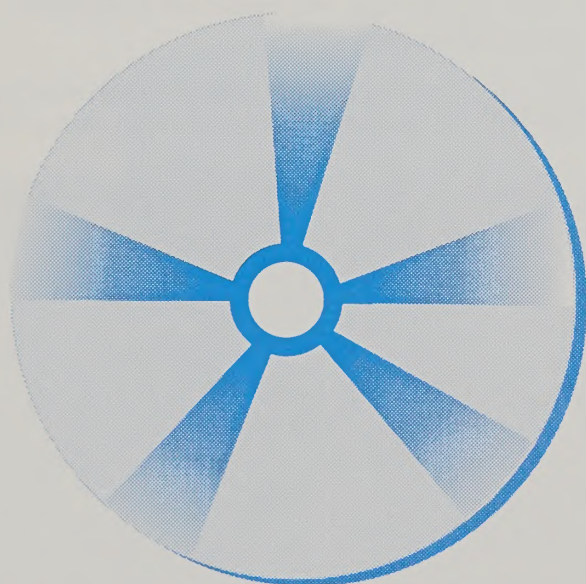
1. Gopher client--gopher usda.mannlib.cornell.edu 70.
2. Telnet--usda.mannlib.cornell.edu, and login as "usda" (no password is needed). This will connect you to the Gopher with the basic Unix client.
3. FTP--usda.mannlib.cornell.edu, login as "anonymous" with your ID name or e-mail address as the password, then cd usda.

ERS CD-ROM

Electronic Data Products on CD-ROM

New from ERS, this innovative database combines files from 118 ERS electronic data products on a standard CD-ROM disc. Included on the disc are over 6,500 Lotus 1-2-3 worksheet (.WK1) files, ASCII text files describing each data product, and easy-to-use software to locate and download files for use with your favorite analytical package.

Data on the disc cover all aspects of domestic and international agriculture and rural affairs. Worksheet files are included from some of our most popular products: crop yearbooks; dairy and poultry statistics; specialty agriculture; state and national farm income; costs of production; world agriculture trends and indicators; and much, much more!



Data products included on the diskette are indicated in the listing beginning on page 5 of this catalog. For a complete listing of products on the CD-ROM, by stock # and title, dial the ERS AutoFAX system at 1-202-219-1107 from your fax machine and ask for document #1019. Or call the CALL-ERS/NASS bulletin board from your computer at 1-800-821-6229 and download the "Data Products Catalog" file.

To order the CD-ROM, call 1-800-999-6779 and ask for *ERS Data Products on CD-ROM*, stock # **93050**. Price is just **\$150** (a savings of 95% over the cost of separate diskettes). Or order from:

ERS-NASS
341 Victory Drive
Herndon, VA 22070

Note: Requires IBM PC or compatible computer, CD-ROM reader, and MS-DOS CD-ROM extensions.

Data Products

For further information on the data included in these products, please contact the subject-area specialists identified with each database. Data products are shipped in the formats specified on DOS-compatible 5.25", 360KB or 3.5", 1.44MB diskettes or on unlabeled, 9-track, 6250 b.p.i. magnetic tapes as appropriate. Dates in parentheses reflect the last update of the databases available. **NOTE: Electronic data products are not returnable.** Please order by stock number using the attached order form or call the ERS-NASS order desk at 1-800-999-6779 (8:30 - 5:00 Eastern Time), in the United States or Canada. Please note that current or recent versions of many of these data products are included on the ERS CD-ROM, stock # 93050. Data product descriptions indicate which are included on the CD-ROM. See page 4 for more details. Thank you.

Newest Releases

DWOPSIM. This dynamic world policy simulation model building framework is a software system that assembles globally consistent data sets into time series models in spreadsheets for policy analysis, short-term forecasting, and long-term projections. DWOPSIM models clear world trade markets through world price changes, which are linked to product behavior in individual countries and regions. **NOTE:** DWOPSIM is shipped on a 1.44 MB diskette with 3 MB of archived data and program files. It requires an IBM or compatible personal computer, DOS 3.3 or higher SuperCalc 5 spreadsheet software, 2 MB of available RAM, and at least 3 MB of hard disk storage. Vernon Roningen, ERS, 202-219-0682. One 3.5" disk, (11/92).

Stock # 93001 \$25

PS&D VIEW. This menu-driven software system graphs and displays balance sheet variables for agricultural commodities in the USDA Production, Supply, and Distribution database. Databases included with the system cover 190 countries and regions for 1960-91. These databases are updated monthly and are available on diskettes through a monthly or quarterly subscription. For more information, call Alan Webb, ERS, at 202-219-0610. The updates are also available electronically via subscription through the CALL-ERS bulletin board. For more information, call Jim Horsfield, 202-219-0012. If you already use PS&D View (formerly #89028), subscribe now to receive the latest version of the software and regular updates to the database. **Note:** PS&D View is shipped with 10 MB of archived data and 350 KB of program files. It requires an IBM or compatible personal computer, ODS, 330KB of

available RAM, and at least 650 KB of hard disk storage.

Two 3.5" disks, (9/93).

Stock # 93002A	Annual	\$35
Stock # 93002Q	Quarterly subscription	\$60/yr
Stock # 93002M	Monthly subscription	\$120/yr
Stock # 93002E	Monthly subscription, electronic	\$75 yr

CCC Crop Loans. State-level data on CCC nonrecourse loan activity for 1985-91. Robert Williams, ERS, 202-219-0804. One 3.5" disk, (12/92).

Stock # 93003 \$25

Changes in Food Consumption and Expenditures. Reports average annual household food use and related expenditures data for major foods and food groups, 1977/78 and 1987/88. Data are summarized by household size and type, income quintile, race, region, and urbanization. Steven Lutz, ERS, 202-219-0860. One 3.5" disk, (12/92).

Stock # 93004 \$25

Global Competitive Advantages. Includes statistics on export and import shares, indexes of competitive advantage and disadvantage, and overall bilateral complementarity with the United States for 15 agricultural industries and 113 countries. Data series are for 1985-89, with comparisons to 1961/62. Tom Vollrath, ERS, 202-219-0860, or Linda Scott, ERS, 202-219-0630. Two 3.5" disks, (12/92).

Stock #93005 \$35

U.S. Fresh-Market Fruit Exports. Reports a major revision in U.S. fresh fruit export statistics, 1978-91. Monthly data on U.S. exports to Canada and the world are included for 13 fresh-market fruits. Diane Bertelsen, ERS, 202-219-0884. One 3.5" disk, (1/93).

Stock # 93006 \$25

Historical State Farm Income Accounts. U.S. and State data, 1949-91, on net farm income, net cash income, returns to operators, and net business income. Also includes cash receipts, government payments, production expenses, and other components of the income accounts. **Note:** This product supplements and extends State Financial Summary, stock # 88012. Linda Farmer, ERS, 202-219-0804. [Lotus 1-2-3 (.WK1), three 3.5" disks], (2/93).

Stock # 93007 \$45

Monthly Cash Receipts. U.S. and State estimates of cash receipts by month, 1960-91. The U.S. data cover 12 major agricultural commodity groups; State data cover three commodity groups. Robert Williams, ERS, 202-219-0804. Two 3.5" disks, (12/92).

Stock # 93008 \$35

Data Products

Agricultural Statistics for the Former Soviet Republics and the Baltic States. Data, by republic, for the 15 former Soviet republics on per capita consumption of food products; livestock inventories; production of livestock products; grain area, yield, and production; and government purchases of crop and livestock products. USSR data generally includes 1960-90; data for republics covers 1980-91. Jaelyn Shend, ERS, 202-219-0620. [Lotus 1-2-3 (.WK1), 3.5" disks], (8/93).

Stock # 93009A	Land use and farm structure (one disk)	\$25
Stock # 93009B	Population, labor force, and agricultural inputs (one disk)	\$25
Stock # 93009C	Grains (one disk)	\$25
Stock # 93009D	Livestock sector (one disk)	\$25
Stock # 93009E	Selected crops (one disk)	\$25
Stock # 93009F	Food consumption (one disk)	\$25
Stock # 93PK02	Package (includes # 93009A-F)	\$60

Referendum CVM Programs. These user-friendly programs cover all econometric, benefit estimation, and confidence interval estimation needs for single-bounded and double-bounded contingent valuation models. Programs are included for sample design for dichotomous choice models and for econometric estimation using the logistic, Weibull, and nonparametric estimators. Programs are written in Gauss and a run-time module is included. NOTE: A 386 PC with math coprocessor and 1 MB of memory are recommended. Joseph Cooper, ERS, 202-219-0403. [Two 3.5" disks], (2/93).

Stock # 93010 **\$35**

Farm Sector Financial Ratios. U.S. and State data, 1960-91, reporting liquidity, efficiency, solvency, and profitability ratios for the farm sector. The profitability ratios include rates of return on assets and rates of return on equity. Ken Erickson, ERS, 202-219-0799. [Lotus-1-2-3 (.WK1), one 3.5" disk], (5/93).

Stock # 93012 **\$25**

Farm Business Balance Sheet. U.S. and State data, 1960-91, on farm assets, real estate and nonreal estate debt, and equity (excluding farm households). Data on farm real estate and nonreal estate debt by type of lender are included. Ken Erickson, ERS, 202-219-0799. [Lotus 1-2-3 (.WK1), one 3.5" disk], (5/93).

Stock # 93013 **\$25**

ZIPFIP. This innovative program works with data bases organized by zipcodes or county FIPS codes. ZIPFIP supports data editing/display, market area creation, determining distances between any two places in the 48 contiguous States, and aggregation of observations. The data bases shipped with ZIPFIP includes county data from the 1990 Census of Population and Housing and zipcoded data on place names, latitude/longitude, and number of residences. Note : ZIPFIP requires a 286-class CPU, DOS 3.3 485 KB of available memory, and 6 MB of disk space. Dan Hellerstein, ERS, 202-219-0445. [Two 3.5" disks and a user manual], (8/93).

Stock # 93014 **\$35**

ZIPFIP Data Bases. These zipcode and/or county-level data bases are designed for use with ZIPFIP (stock # 93014). Shipped as compressed files on two 3.5" disks, each data base requires up to 6 MB of disk space. Dan Hellerstein, ERS, 202-219-0445. (5/93).

Stock # 93015A	1980 population and demographic data (county & zipcode)	\$35
Stock # 93015B	1982 National Resources Inventory data (county only)	\$35
Stock # 93015C	1977, 1982, & 1987 Census of Agr. data (county & zipcode)	\$35

Farm Operating and Financial Characteristics.

Summarized data from the 1990 Farm Costs and Returns Survey (FCRS) including farm business income, expenses, assets, and liabilities. These data are reported by farm size, region, production specialty, tenure, farm organization, and selected operator characteristics. Susan Bentley, ERS, 202-219-0931. [ASCII text files, one 3.5" disk], (8/93).

Stock # 93016 **\$25**

ERS Publications. A comprehensive bibliographic database of publications, conference papers, and data products by ERS staff (or sponsored by ERS) that were published, presented, or released in fiscal years 1985-92. (A printed catalog for each year is no longer being published by ERS, beginning with the fiscal year 1992 database.) Full bibliographic citations are included for over 12,800 publications by category: periodicals, monographs, chapters in edited monographs, articles, book or research reviews, conference papers, electronic data products, and miscellaneous publications. Verla Rape, ERS, 202-219-0310. [dBase .DBF files, eight 3.5" disks], (9/93).

Stock # 93017 **\$95**

Cropping Practices. These databases contain unsummarized data from the annual USDA Cropping Practices Survey. Included are data on nutrient and pesticide usage, tillage practices, and related data for major field crops. Merritt Padgett, ERS, 202, 219-0433. [Compressed .DBF files and documentation manual], (8/93).

Stock # 93018A	1990 data (one 3.5" disk)	\$30
Stock # 93018B	1991 data (two 3.5" disks)	\$40
Stock # 93018C	1992 data (two 3.5" disks)	\$40

Financial Characteristics of Horticultural Farms. Reports income statements, balance sheets, and financial ratios estimated through the Farm Costs and Returns Survey for all growers of nonedible, horticultural crops, 1987-91. Income and balance sheet data are reported by size of farm and by region. Includes income and sales data from special tabulations of the 1987 Census of Agriculture. Doyle Johnson, ERS, 202-219-0884. [Lotus 1-2-3 (.WK1), one 3.5" disk], (9/93).

Stock # 93019 **\$25**

Data Products

ERS Electronic Data Products CD-ROM. Combines files from 118 ERS electronic data products (current and revised versions) on a standard CD-ROM disc. Included on the disc are over 6,500 Lotus 1-2-3 worksheet (.WK1) files, ASCII text files describing each data product, and easy-to-use software to locate and download files for use with your favorite analytical package. Note: Requires IBM PC or compatible computer, CD-ROM reader, and MS-DOS CD-ROM extensions. Jim Horsfield, ERS, 202-219-0012. [One CD-ROM disc], (6/93). See page 4 for more information.

Stock # 93050 **\$150**

WASDE Crop Estimates. All U.S. estimates from the World Agricultural Supply and Demand Estimates (WASDE) reports for issues 1-273 (1973-92). Data are those actually published, beginning with year 1973/74. Contents include data for cotton, rice, long grain rice, short- and medium-grain rice, soybeans, soy meal, soy oil, total feed grains, corn, sorghum, barley, oats, wheat, and wheat by class (hard winter, hard spring, soft red, white, and durum). Chung Yeh, WAOB, 202-720-8760, or David Stallings, WAOB, 202-720-5715. [Lotus 1-2-3 (.WK1), two 3.5" disks], (1/93).

Stock # 93501 **\$35**

NASS Data Products

Crops County Data. Planted and harvested acreage, yield per harvested acre, and total production by county and Crop Reporting District. Files include data by cropping practice (such as irrigated and non-irrigated). There are multiple compressed files, each in a separate executable file for uncompressing. The uncompressed file size is about five times the size of the compressed file. Jim Brueggen, NASS, 202-720-7018 [ASCII, self-extracting, compressed], (8/93). Note: Each disk has about 25 separate data files occupying about 7 MB uncompressed. 3.5" disks.

Stock # 93100A 1972-88 (ten disks) **\$125**

Stock # 93100B 1989-90 (one disk) **\$25**

Stock # 93100C 1991-92 (one disk) **\$25**

Livestock County Data. Most recent three years (1991-93) of inventory or yearly production estimates by county for cattle and calves, milk production, hogs and pigs, sheep and lambs, chickens, layers, and egg production as required by each State's Department of Agriculture program. Local (State) funding may limit data available for a specie(s) or year(s), including some major production States. There are multiple compressed files, each in a separate executable file for uncompressing. Jim Brueggen, NASS, 202-720-7018 [ASCII], one 3.5" disk, (9/93).

Stock # 93105B **\$25**

Crop Progress and Condition. State-level estimates for corn, cotton, all rice, sorghum, soybeans, and all wheat. Weekly estimates of crop progress and conditions for

1985-92. Dave Mueller, NASS, 202-720-6054. [ASCII, one 3.5" disk], (7/93).

Stock # 93115 **\$25**

Catfish Processing. Monthly estimates for farm-raised catfish, including round weight purchased, prices paid, inventory, quantity sold, price, and imports for 1970-92. Joel Moore, NASS, 202-720-3244 [Lotus 1-2-3 (.WK1), one 3.5" disk], (10/93).

Stock # 93140 **\$25**

Agricultural Chemical Usage, 1992 Field Crops Summary. State and U.S. fertilizer and pesticide use data for corn, cotton, rice, soybeans, wheat, and fall potatoes. Includes pesticide use by active ingredient, application rates, and acres treated. Additionally, data on target pest by pesticide product for fall potatoes is included for the first time. Van Johnson, NASS, 202-720-7492. [ASCII, one 3.5" disk], (3/93).

Stock # 93171 **\$25**

Agricultural Chemical Usage, 1992 Vegetables Summary. This disk contains an ASCII file with tables and narrative as published in the ERS-NASS report of the same title (Agricultural Chemical Usage, June 1993). The file contains fertilizer and pesticide use data for States and combined major States for 1992 vegetable crops. Van Johnson, NASS, 202-720-7492. [ASCII, one 3.5" disk], (6/93).

Stock # 93172 **\$25**

Crops by State. State level estimates for corn, cotton, dry beans, hay, oats, peanuts, potatoes, rice, rye, sorghum, soybeans, and wheat. Planted and harvested acreage, yield per harvested acre, and total production for 1975-91; value of production for 1988-91. Bill Dowdy, NASS, 202-720-3843. [Lotus 1-2-3 (.WK1), one 3.5" disk], (3/92).

Stock # 92111 **\$25**

Cattle, Hogs, Sheep, Chickens, by State. State-level inventory estimates for all cattle, January 1, 1975-93; all hogs, December 1, 1975-92; sheep, January 1, 1975-93; chickens, December 1, 1983-92. Bob Cole, NASS, 202-720-6880. [Lotus 1-2-3 (.WK1), one 3.5" disk], (9/93).

Stock # 92131 **\$25**

Prices Received by Farmers for Field Crops. January 1984 to February 1992, State and U.S. level monthly prices for most major field crops. Scott Keller, NASS, 202-690-3234. [Lotus 1-2-3 (.WK1), one 3.5" disk], (3/92).

Stock # 92151 **\$25**

Prices Received by Farmers, Historic Prices and Indexes. Monthly and annual average U.S. prices by commodity, most for 1908-92. Index of prices received by farmers includes monthly and annual prices for 1981-91, indexes by commodity group, and the base 1910-14=100 and 1977=100. Pat Miles, NASS, 202-690-3237. [ASCII, one 3.5" disk], (9/93).

Stock # 92152 **\$25**

Data Products

Agricultural Chemical Usage, 1991 Field Crops Summary. State and U.S. fertilizer and pesticide use data for corn, cotton, peanuts, rice, sorghum, soybeans, wheat, and fall potatoes. Includes pesticide use by active ingredient, application rates, and acres treated. Van Johnson, NASS, 202-720-7492. [ASCII, one 3.5" disk], (3/92).

Stock # 92171 \$25

Agricultural Chemical Use, 1991 Fruit and Nuts Summary and 1990 California Vegetables Summary. U.S. and State fertilizer and pesticide use data for the 1991 fruit, nut, and berry crops. Van Johnson, NASS, 202-720-7492. [ASCII files, one 3.5" disk], (7/92).

Stock # 92172 \$25

Agricultural Chemical Usage: 1990 Field Crops. State, regional, and U.S. fertilizer and pesticide use data for corn, soybeans, cotton, rice, wheat, and fall potatoes. Includes pesticide use by active ingredient, application rates, and acres treated. Van Johnson, NASS, 202-690-3461. [Lotus 1-2-3 (.WK1), one 5.25" disk], (6/91).

Stock # 91009Z \$25

Farm Employment and Wage Rates. U.S. and State/regional statistics on number of workers, average hours worked, and wage rates 1974-90. State/regional wage rates by quarter are shown for 1974-90 and wage rates by economic class and type of farm are included for 1987-90. Dean Groskurth, NASS, 202-690-3228. [Lotus 1-2-3 (.WK1), two 3.5" disks], (5/91).

Stock # 91005Z \$35

Specialty Agriculture

Dry Beans & Peas. Production and acreage data, 1970-88; monthly imports, exports, and weekly price data for 1981-88. Gary Lucier, ERS, 202-219-0884. [Lotus 1-2-3 (.WK1), one 3.5" disk], (4/92). A version of this is included on the ERS CD-ROM, # 93050.

Stock # 86003 \$25

Fresh Fruit Prices and Marketing Spreads. Retail values, wholesale and shipping point prices, transportation charges, and market price spreads for eight fresh fruits. Marketing season monthly data for 1985-91. Fannye Lockley-Jolly, ERS, 202-219-0888. [Lotus 1-2-3 (.WK1), two 5.25" disks], (2/92). A version of this is included on the ERS CD-ROM, # 93050.

Stock # 88002 \$35

Fresh Vegetable Prices & Marketing Spreads. Monthly and seasonal prices, spreads, and transportation charges, 1985-91, for 11 vegetables sold in the Northeast, North Central, South, and West marketing regions, and in New York City and Baltimore starting with the 1984-85 marketing season. Fannye Lockley-Jolly, ERS, 202-219-0888. [Lotus 1-2-3 (.WK1), two 5.25" disks], (2/92). A version of this is included on the ERS CD-ROM, # 93050.

Stock # 88009 \$35

Vegetable Yearbook. Production, acreage, value, prices, imports, exports, and per capita utilization for major fresh market and processed vegetables, 1970-92. Also includes data for potatoes, sweetpotatoes, dry beans and peas, and fresh and processed mushrooms. Gary Lucier, ERS, 202-219-0884. [Lotus 1-2-3 (.WK1), (4/93). A version of this is included on the ERS CD-ROM, # 93050.

Stock # 89011A Three 5.25" disks \$45

Stock # 89011B One 3.5" disk \$25

Tobacco Industry. Production, supply, trade, disappearance, and prices for tobacco and tobacco products, 1950-87. Includes acreage, yield, and production by type, 1950-87, and selected data on world production and trade. Verner Grise, ERS, 202-219-0890. [Lotus 1-2-3 (.WK1), one 5.25" disk], (3/89).

Stock # 89018 \$25

Sugar and Sweetener Yearbook. U.S. and world data, 1980-92, on acreage, yield, and production of sugar crops; production, trade, supply and use, and prices for sugar; and supply and use data for caloric and non-caloric sweeteners. Peter Buzzanell, ERS, 202-219-0886. [Lotus 1-2-3 (.WK1), one 3.5" disk], (7/93). A version of this is included on the ERS CD-ROM, # 93050.

Stock # 89019 \$25

Fruit and Nut Yearbook. Annual data, 1970-91, on production, trade, supply and utilization, prices, and value of production for fruit and nuts including citrus, other tree fruits, grapes, and other small fruits. Also includes data on supply and utilization of processed fruit and fruit juices. Wynice Napper, ERS, 202-219-0885. [Lotus 1-2-3 (.WK1), one 3.5" disk], (10/92). A version of this is included on the ERS CD-ROM, # 93050.

Stock # 89022 \$25

U.S. Watermelon Industry. Includes time series data on U.S. and State acreage, yield, production, prices and value; per capita consumption; U.S. trade; world production and trade; and other data on truck freight charges, irrigation, and characteristics of watermelon farms. Gary Lucier, ERS, 202-219-0884. [Lotus 1-2-3 (.WK1), one 3.5" disk], (8/93). A version of this is included on the ERS CD-ROM, # 93050.

Stock # 89029 \$25

Greenhouse and Nursery Statistics, 1960-88. A comprehensive database covering production, supply, consumption, prices, and sales of floricultural and environmental horticultural products. Includes U.S. and State data and world trade data. Doyle Johnson, ERS, 202-219-0884. [Lotus 1-2-3 (.WK1)], (7/90). A version of this is included on the ERS CD-ROM, # 93050.

Stock # 90024A Seven 5.25" disks \$85

Stock # 90024B Two 3.5" disks \$35

Data Products

Sugar Statistical Compendium. Comprehensive database of U.S. beet and cane sugar statistics including sugar production and consumption, 1950-90; imports and exports, 1970-90; and prices 1960-90. Includes regional and State data on sugarbeet, sugarcane, and sugar production, 1970-90. Peter Buzzanell or William Moore, ERS, 202-219-0886. [Lotus 1-2-3, (.WK1), one 3.5" disk], (4/91). A version of this is included on the ERS CD-ROM, # 93050.

Stock # 91006 \$25

Potato Statistics. U.S. and State data, 1949-92, on potato acreage, production, value, and use. Includes U.S. data on prices, price spreads, and consumer and producer price indexes; stocks of fresh and processed potatoes; and trade in potatoes and potato products. Gary Lucier, ERS, 202-219-0884. [Lotus 1-2-3 (.WK1), two 3.5" disks], (8/93). A version of this is included on the ERS CD-ROM, # 93050.

Stock # 91011 \$35

U.S. Vegetable and Melon Production. Characteristics of farms and farm operators, by value of total crop sales, for farms reporting production of 57 vegetables and melons in the 1987 Census of Agriculture. These special tabulations from the Census data show, for each commodity, number of farms and land use, type of organization, operator characteristics, crop acreages, market value of products sold, other farm-related income, input use, and production expenses. U.S., regional, and State data are included. Doyle Johnson, ERS, 202-219-0884. [Lotus 1-2-3 (.WK1), 3.5" disks], (9/91). A version of this is included on the ERS CD-ROM, # 93050.

Stock #91014A Sweet corn, snap beans, \$65
broccoli, etc. (5 disks)

Stock # 91014B Leafy green vegetables (5 disks) \$65

Stock # 91014C Potatoes and root vegetables (5 disks) \$65

Stock # 91014D Tomatoes, peppers, and \$65
cucumbers (5 disks)

Stock # 91014E Melons (2 disks) \$35

Stock # 91014F Dry beans and peas (3 disks) \$45

U.S. Fruit, Nut, and Berry Production. Characteristics of farms and farm operators, by value of total crop sales, for farms reporting production of 51 fruits, nuts, and berries in the 1987 Census of Agriculture. These special tabulations from the Census data show, for each commodity, number of farms and land use, type of organization, operator characteristics, crop acreages, market value of products sold, other farm-related income, input use, and production expenses. U.S., regional, and State data are included. Doyle Johnson, ERS, 202-219-0884. [Lotus 1-2-3 (.WK1), 3.5" disks], (9/91). A version of this is included on the ERS CD-ROM, # 93050.

Stock # 91015A Tree fruits (6 disks) \$75

Stock #91015B Subtropical fruits (1 disk) \$25

Stock # 91015C Citrus fruits (1 disk) \$25

Stock # 91015D Tree nuts (1 disk) \$25

Stock # 91015E Berries (3 disks) \$45

U.S. Greenhouse and Nursery Production. Characteristics of farms and farm operators, by value of total crop sales, for farms reporting production of seven greenhouse and nursery crops in the 1987 Census of Agriculture. These special tabulations from Census data show, for each commodity, number of farms and land use, type of organization, operator characteristics, crop acreages, market value of products sold, other farm-related income, input use, and production expenses. Includes U.S., regional, and State data. Doyle Johnson, ERS, 202-219-0884. [Lotus 1-2-3 (.WK1), seven 3.5" disks], (9/91). A version of this is included on the ERS CD-ROM, # 93050.

Stock # 91016 \$85

U.S. Vegetable and Melon Farms. These special tabulations from the 1987 Census of Agriculture cover all farms reporting production of one or more of 57 vegetable and melon crops. U.S., regional, and State data, by value of total crop sales, are included for number of farms and land use, type of organization, operator characteristics, crop acreages, market value of products sold, other farm-related income, input use, and production expenses. Doyle Johnson, ERS, 202-219-0884. [Lotus 1-2-3 (.WK1), four 3.5" disks], (1/92). A version of this is included on the ERS CD-ROM, # 93050.

Stock # 92004 \$55

U.S. Fruit, Nut, and Berry Farms. These special tabulations from the 1987 Census of Agriculture cover all farms reporting production of one or more of 51 fruit, nut, and berry crops. U.S., regional, and State data, by value of total crop sales, are included for number of farms and land use, type of organization, operator characteristics, crop acreages, market value of products sold, other farm-related income, input use, and production expenses. Doyle Johnson, ERS 202-219-0884. [Lotus 1-2-3 (.WK1), four 3.5" disks], (1/92). A version of this is included on the ERS CD-ROM, # 93050.

Stock # 92005 \$55

U.S. Greenhouse and Nursery Farms. These special tabulations from the 1987 Census of Agriculture cover all farms reporting production of one or more of seven greenhouse and nursery crops. U.S., regional, and State data, by value of total crop sales, are included for number of farms and land use, type of organization, operator characteristics, crop acreages, market value of products sold, other farm-related income, input use, and production expenses. Doyle Johnson, ERS, 202-219-0884. [Lotus 1-2-3 (.WK1), four 3.5" disks], (1/92). A version of this is included on the ERS CD-ROM, # 93050.

Stock # 92006 \$55

Data Products

Tomato Statistics. U.S. and State data, 1960-90, on tomato acreage, yield, production, and value; monthly prices and price indexes; monthly shipments and arrivals; price spreads; and U.S. trade in fresh tomatoes and tomato products. Also includes tomato acreage and production in major producing countries and cost of production estimates for major U.S. production areas. Gary Lucier, ERS, 202-219-0884. [Lotus 1-2-3 (.WK10, two 3.5" disks), (4/92). A version of this is included on the ERS CD-ROM, # 93050.

Stock # 92010 **\$35**

Tobacco Yearbook. U.S. and world data on production, supply, trade, disappearance, and price data for tobacco products, 1950-91. Includes data on U.S. tobacco acreage, yield, production, stocks, and marketings by type. Tom Capehart, ERS, 202-219-0890. [Lotus 1-2-3 (.WK1), one 3.5" disk], (7/92). A version of this is included on the ERS CD-ROM, # 93050.

Stock # 92015 **\$25**

Plant Protection and Quarantine. Reports the quantity of U.S. imports of 200 fresh fruits and vegetables subject to Plant Protection and Quarantine program. Data are reported by commodity, county of origin, and port of entry for fiscal years 1983-89 and 1991-92. Gary Lucier, ERS, 202-219-0884. [Lotus 1-2-3 (.WK1), four 3.5" disks], (7/93). A version of this is included on the ERS CD-ROM, # 93050.

Stock # 92019 **\$55**

Crops

Feed Grain Data by States, 1949-86. Acreage planted and harvested, yield, production, quantity used on farms and sold, season average price, value of production, and value of sales for corn, grain sorghum, oats, and barley. Letricia Womack, ERS, 202-219-0689. [Lotus 1-2-3 (.WKS), four 5.25" disks], (7/87).

Stock # 87013 **\$55**

Feed Grain Yearbook. U.S. feed grain acreage, production, supply, trade, use, and prices for 1950-90. Also includes data for hay and feedstuffs. Larry Van Meir, ERS, 202-219-0840. [Lotus 1-2-3 (.WK1), (3/93). A version of this is included on the ERS CD-ROM, # 93050.

Stock # 88007A Three 5.25" disks **\$45**

Stock # 88007B One 3.5" disk **\$25**

Wheat Yearbook. U.S. wheat acreage, production, supply, trade, use, and prices for 1950-92. Includes data for wheat flour and rye. Ed Allen, ERS, 202-219-0840. [Lotus 1-2-3 (.WK1), (3/93). A version of this is included on the ERS CD-ROM, # 93050.

Stock # 88008A Three 5.25" disks **\$45**

Stock # 88008B One 3.5" disk **\$25**

Rice Yearbook. U.S. rice production, supply, disappearance, trade, and price data, 1970-90. Includes State acreage, yield, and production data; U.S. and world price series; and price support

program statistics. Janet Livezey, ERS, 202-219-0840. [Lotus 1-2-3 (.WK1), one 5.25" disk], (8/93). A version of this is included on the ERS CD-ROM, # 93050.

Stock # 89001 **\$25**

Oil Crops Yearbook. Oilseed, oilmeal, and fats and oils supply and use statistics, 1965-92. Includes oilseed acreage, yield, and production estimates and farm and wholesale price series. James Schaub, ERS, 202-219-0840. [Lotus 1-2-3 (.WK1), one 3.5" disk], (8/93). A version of this is included on the ERS CD-ROM, # 93050.

Stock # 89002 **\$25**

Cotton & Wool Yearbook. U.S. cotton and wool production, supply, use, trade, and price statistics, 1960-93. Includes domestic and world price series and indexes; State cotton acreage, yield, and production data; and conversions of U.S. textile imports and exports to raw fiber equivalents. Mae Dean Johnson, ERS, 202-219-0840. [Lotus 1-2-3 (.WK1), one 3.5" disk], (9/93). A version of this is included on the ERS CD-ROM, # 93050.

Stock # 89004 **\$25**

Feed Manufacturing. Extensive State and regional data for 1984 on the livestock feed manufacturing industry, including location, capacity, employment, and form of ownership as well as data on feed production and ingredient use. Mark Ash, ERS, 202-219-0840. [Lotus 1-2-3 (.WK1), four 5.25" disks], (10/88).

Stock # 89005 **\$55**

State-Level Wheat Statistics. U.S. and State data, 1948-88, on wheat acreage, yield, and production; quantity used on farm where produced; quantity sold; season average price received by farmers; and values of production and sales. Suchada Langley, ERS, 202-219-0689. [Lotus 1-2-3 (.WK1), two 5.25" disks], (3/89).

Stock # 89016 **\$35**

Costs of Production, 1975-89. National and regional costs of production for 11 major field crops, including feed grains, wheat, rice, oilseeds, cotton, sugarbeets, and sugarcane. Mitch Morehart, ERS, 202-219-0801. [Lotus 1-2-3 (.WK1), one 3.5" disk], (7/92). A version of this is included on the ERS CD-ROM, # 93050.

Stock # 89025 **\$25**

U.S. Corn and Soybean Weather/Production Models.

Spreadsheet models to calculate corn and soybean yields, harvested acreages, and production for States, regions, and the United States based on planted acreages, weather, and fertilizer applications on corn. Lloyd Teigen, ERS, 202-219-0706. [Lotus 1-2-3 (.WK1), one 5.25" disk], (12/91). A version of this is included on the ERS CD-ROM, # 93050.

Stock # 92001 **\$25**

Data Products

Livestock, Dairy, & Poultry

U.S. Broiler Industry. Comprehensive data on the broiler industry including data on consumption, prices, and demand; production; processing; and marketing. Most data series cover 1965-87. Lee Christensen, ERS, 202-219-0714. [Lotus 1-2-3 (.WK1), one 5.25" disk], (10/88).

Stock # 89006 \$25

Poultry and Egg Statistics. Monthly and annual data, 1960-90, on production, supply, disappearance, prices, and costs for eggs, broilers, other chickens, and turkeys. Lee Christensen, ERS, 202-219-0714. [Lotus 1-2-3 (.WK1)], (12/91). A version of this is included on the ERS CD-ROM, # 93050.

Stock # 89007B Three 3.5" disks \$45

Dairy Yearbook. Annual data on the production, supply, and use of milk and manufacturing dairy products, 1970-91. Also includes wholesale and retail price indexes, prices received by farmers, milk production costs, and data on regional shares of U.S. milk production. Sara Short, ERS, 202-219-0769. [Lotus 1-2-3 (.WK1), one 3.5" disk], (9/92). A version of this is included on the ERS CD-ROM, # 93050.

Stock # 89032 \$25

Livestock and Dairy Costs of Production. U.S. and regional production costs for milk, 1985-90, and for fed cattle, sheep, beef cow-calf, hog farrow-to-finish, feeder pig production, and feeder pig finishing enterprises, 1972-90. U.S. data are also shown by size of operation. Mitch Morehart, ERS, 202-219-0770. [Lotus 1-2-3 (.WK1), one 3.5" disk], (8/92). A version of this is included on the ERS CD-ROM, # 93050.

Stock # 90002 \$25

Price Spreads for Beef and Pork. Monthly data, 1970-92, on farm-to-retail price spreads for beef and pork. Includes farm-to-carass and carcass-to-retail spreads and retail prices. Lawrence Duewer, ERS, 202-219-0712. [Lotus 1-2-3 (.WK1), one 5.25" disk], (1/93). A version of this is included on the ERS CD-ROM, # 93050.

Stock # 90006 \$25

U.S. Live Cattle Imports. Monthly data, 1970-90, on imports from Mexico and Canada by weight class and breeding animals by type. Data are arranged by tariff schedule classification, quantity, and value. Linda Bailey or Shayle Shagam, ERS, 202-219-0714. [Lotus 1-2-3 (.WK1), two 5.25" disks], (4/91). A version of this is included on the ERS CD-ROM, # 93050.

Stock # 91007 \$35

Beef Packer Cost Analyzer. PACKER is a microcomputer program designed to analyze operating costs for six sizes of beef packing and fabricating plants for five levels of operating output. PACKER tabulates total costs as well as costs by each of 20 operating stages and by accounts and subaccounts. **NOTE:** Requires a PC or compatible computer with BASIC or BASICA. Lawrence Duewer, ERS, 202-219-0712. [One 5.25" disk], (9/91).

Stock # 91012 \$25

Food

Food, Beverages, and Tobacco Expenditures. U.S. and 46 countries, 1970-88; also gross domestic product, disposable personal income, consumption expenditures, and net savings. Larry Traub, ERS, 202-219-0705. [Lotus 1-2-3 (.WK1)], (4/91). A version of this is included on the ERS CD-ROM, # 93050.

Stock # 86014A Seven 5.25" disks \$85

Stock # 86014B Two 3.5" disks \$35

Data Products

Food Consumption. Per capita food consumption by commodity and commodity group, 1966-91; supply and use by commodity and commodity group, 1966-91; and food expenditures, 1869-1992. Judith Putnam, ERS, 202-219-0870. [Lotus 1-2-3 (.WK1)], (9/93). A version of this is included on the ERS CD-ROM, # 93050.

Stock # 89015B Two 3.5" disks \$35
Stock # 92PK01 Two 3.5" disks and SB-840 \$45

Food Spending in American Households, 1980-88. Detailed data on household food expenditures by major food groups and by household demographic characteristics. Includes data on food price trends and percent of households purchasing selected food items in a week. David Smallwood, ERS, 202-219-0864. [Lotus 1-2-3 (.WK1)], (4/91). A version of this is included on the ERS CD-ROM, # 93050.

Stock # 90005A Four 5.25" disks \$55
Stock # 90005B Two 3.5" disks \$35

Americans and Food. This computer quiz contains 54 questions and answers on food-related topics ranging from fish consumption to fast food. The easy-to-understand questions and answers make the quiz an excellent teaching tool and presentation aid. **NOTE:** Requires MS/PC-DOS Version 3.2 or 3.3 and 640 KB of memory. Kathryn Lipton, ERS, 202-219-0880. [One 3.5" disk], (6/93).

Stock # 91002A \$25

U.S. Food Expenditures. Annual data, 1869-1989, on total expenditures for food and alcoholic beverages. Includes series on food expenditures for food away from home, at retail stores and other establishments, and by type of income. Alden Manchester, ERS, 202-219-0880. [Lotus 1-2-3 (.WK1), one 5.25" disk], (1/91). A version of this is included on the ERS CD-ROM, # 93050.

Stock # 91003 \$25

World Red Meat and Poultry Consumption. Annual data, 1975-91, on beef and veal, pork, lamb, mutton, goat, and total poultry consumption, total and per capita, for selected countries and regions. Linda Bailey or Shayle Shagam, ERS, 202-219-0714. [Lotus 1-2-3 (.WK1), one 5.25" disk], (1/91). A version of this is included on the ERS CD-ROM, # 93050.

Stock # 91004 \$25



Inputs

Fertilizer Use and Price Statistics. U.S. fertilizer use and prices and nutrients applied per acre for major farm States, 1964-90, for corn, cotton, soybeans, and wheat. Harold Taylor, ERS, 202-219-0464. [Lotus 1-2-3 (.WK1), one 5.25" disk], (11/92). A version of this is included on the ERS CD-ROM, # 93050.

Stock # 86012 \$25

Farm Machinery Statistics. Annual and monthly data, 1944-90, on U.S. production, shipments, industry and farm inventories, farm expenditures, and other financial information. Marlow Vesterby, ERS, 202-219-0422. [Lotus 1-2-3 (.WKS), two 5.25" disks], (9/91). A version of this is included on the ERS CD-ROM, # 93050.

Stock # 86016 \$35

Land, Water, and Conservation

Farm Real Estate Values. U.S. and State data on the value of land and buildings per acre and per farm, and real estate debt and taxes by year, 1950-93. John Jones, ERS, 202-219-0428. [Lotus 1-2-3 (.WK1), one 3.5" disk], (10/93). A version of this is included on the ERS CD-ROM, # 93050.

Stock # 86010 \$25

Value of Land & Buildings Per Acre. County and State data from the Census of Agriculture, 1850-1987. John Jones, ERS, 202-219-0428. [Lotus 1-2-3 (.WK1), three 5.25" disks], (10/89). A version of this is included on the ERS CD-ROM, # 93050.

Stock # 87012 \$45

Farm and Ranch Irrigation, 1984. Tables 1 through 23 from the related Census report on water sources and use, irrigation technology, and expenditures. Michael Moore, ERS, 202-219-0410. [Lotus 1-2-3 (.WK1), two 5.25" disks], (8/86).

Stock # 87014 \$35

Foreign-owned Agricultural Land. Foreign investment by States and counties as of December 31, 1992. Includes data from over 13,000 reports filed under the Alien Foreign Investment Disclosure Act of 1978. J. Peter DeBraal, ERS, 202-219-0425. [Lotus 1-2-3 (.WK1), two 3.5" disks], (5/93).

Stock # 87015 \$35

Dynamics of Land Use Change, 1960's. Paired sample point data of land use change in 53 fast population growth counties in the United States. Data cover 12 major land uses including agricultural and urban. Marlow Vesterby, ERS, 202-219-0422. [Lotus 1-2-3 (.WK1), two 5.25" disks], (5/88).

Stock # 88017 \$35

Data Products

Land Use Change, 1970's. Paired sample point data of land use change in 135 fast population growth, 36 cropland loss, and 20 cropland gain counties in the United States. Data cover 15 major land uses including agricultural, forest, urban, and wetlands. Marlow Vesterby, ERS, 202-219-0422. [dBase III, 5.25" disks], (7/88).

Stock # 88018A	North & East (1 disk)	\$25
Stock # 88018B	Southeast (2 disks)	\$35
Stock # 88018C	West (3 disks)	\$45
Stock # 88018D	Pacific (3 disks)	\$45

Major Land Uses. State, regional, and national estimates of 15 major land uses including cropland, pasture and grazing, forest, and urban uses for Census of Agriculture years between 1945 and 1987. Ken Krupa/Arthur Daugherty, ERS, 202-219-0422. [Lotus 1-2-3 (.WK1), one 5.25" disk], (11/90). A version of this is included on the ERS CD-ROM, # 93050.

Stock # 89003 **\$25**

Irrigation Production Data System. A comprehensive analysis system for irrigated and dryland crop production by State and farm production region. Includes data for 11 crops on acreage, yield, price, input use, costs, returns, and breakeven statistics. Requires 30 MB disk storage and 1.5 MB total memory. Glenn Schaible, ERS, 202-219-0410. [Lotus 1-2-3 (.WK1), three 3.5" disks], (8/92).

Stock # 89023 **\$45**

Production and Efficiency Statistics. U.S. and State indexes of farm input use, production, and efficiency by enterprise group, 1947-89. Includes data on cropland used for crops, farm machinery and tractor use, fertilizer use, labor use, and crop acreages harvested. Eldon Ball, ERS, 202-219-0432. [Lotus 1-2-3 (.WK1), two 5.25" disks], (4/91). A version of this is included on the ERS CD-ROM, # 93050.

Stock # 89026 **\$35**

Conservation Reserve Program Statistics. Number of contracts and acres enrolled by fiscal year 1986-89 and signup period 1-9. Includes average rental rates, acres enrolled by level of erosion, conservation treatments applied, and cost share data. Tim Osborn, ERS, 202-219-0403. [ASCII, Five 5.25" disks], (9/90).

Stock # 89031 **\$65**

Agricultural Water Use. Statistics on agricultural use of federally supplied irrigation water, by crop and region, for 1979-86. Data are reported for Bureau of Reclamation lands receiving full and supplemental water service include net water supply, water deliveries, acreage irrigated, and acres irrigated by drip, sprinkler, and gravity systems. Michael Moore, ERS, 202-219-0410. [Lotus 1-2-3 (.WK1), one 5.25" disk], (11/89).

Stock # 90001 **\$25**

Soil Depletion Estimates Model. This model computes comparisons of shortrun and longrun impacts on erosion and economic returns from alternative resource management systems. The user may specify site-specific soil characteristics, tillage practices, and cropping systems. **NOTE:** Requires DOS 2.10 or higher and a math co-processor.

Leonard Bull, ERS, 202-219-0456. [One 5.25" disk], (12/89).

Stock # 90004 **\$25**

Cash Rents for U.S. Farmland. Cash rents per acre for farms, cropland, and pasture (Eastern States, 1960-93), and cash rents per acre for irrigated and nonirrigated cropland, and pasture (Western States, 1984-93). Cattle grazing rates on privately owned nonirrigated land for the 17 Western States, 1979-92, are included. John Jones, ERS, 202-219-0428. [Lotus 1-2-3 (.WK1), one 3.5" disk], (10/93). A version of this is included on the ERS CD-ROM, # 93050.

Stock # 90025 **\$25**

Farm Real Estate Taxes. Reports annual State data on total farm real estate taxes 1890-1989, taxes per acre 1909-91, and taxes per \$100 of value 1909-89. J. Peter DeBraal, ERS, 202-219-0425. [Lotus 1-2-3 (.WK1), one 3.5" disk], (6/93). A version of this is included on the ERS CD-ROM, # 93050.

Stock # 92002 **\$25**

Farm Sector Economics

National Financial Summary, 1950-91. Includes farm income, cash receipts by components, production expenses, capital expenditures, off-farm income, nonmoney and farm-related income components. Includes U.S. balance sheet data, 1945-88, and related data on assets and debt. Cheryl Steele, ERS, 202-219-0804. [Lotus 1-2-3 (.WK1)], (1/93). A version of this is included on the ERS CD-ROM, # 93050.

Stock # 88010A Three 5.25" disks **\$45**

Stock # 88010B One 3.5" disk **\$25**

State Financial Summary. Includes State-level farm income and balance sheet accounts for 1985-89. Also includes cash receipts by commodity, government payments, and related data. Cheryl Steele, ERS, 202-219-0804. [Lotus 1-2-3 (.WK1)], (1/93). A version of this is included on the ERS CD-ROM, # 93050.

Stock # 88012A Nine 5.25" disks **\$105**

Stock # 88012B Two 3.5" disks **\$35**

Cash Receipts. State data on cash receipts for 25 leading commodities, 1960-91. Includes State rankings by commodity. Bob Williams, ERS, 202-219-0804. [Lotus 1-2-3 (.WK1), one 3.5" disk], (3/93). A version of this is included on the ERS CD-ROM, # 93050.

Stock # 89014 **\$25**

Data Products

U.S. Farm Income. Historical farm income statistics, 1910-89. Reports gross and net farm income, net cash income, cash receipts, and related data. Cheryl Steele, ERS, 202-219-0807. [Lotus 1-2-3 (.WK1), two 5.25" disks], (5/90). A version of this is included on the ERS CD-ROM, # 93050.
Stock # 90022 \$35

Structural Change in U.S. Agriculture. Number of farms, land in farms, land use, farm income, and commodity sales tabulated by sales classes adjusted for inflation, 1969-82. Includes data for 14 States in three regions. Marlow Vesterby, ERS, 202-219-0422. [Lotus 1-2-3 (.WK1), two 5.25" disks], (5/90). A version of this is included on the ERS CD-ROM, # 93050.
Stock # 90023 \$35

Agricultural Commodity Output. U.S. and State data for the 17 agricultural sectors of 1982 U.S. input-output accounts. These data are completely additive to the published national tables for the agricultural sector. William Edmondson, ERS, 202-219-0785. [Lotus 1-2-3 (Release 2 and Release 3), one 5.25" disk], (6/91). A version of this is included on the ERS CD-ROM, # 93050.
Stock # 91008 \$25

Farm Sector Balance Sheet. U.S. and State data, 1960-89, on farm assets, real estate and nonreal estate debt, equity, total claims, and debt-to-asset ratios (including operator households). Data on farm real estate and nonreal estate debt by type of lender are included. Ken Erickson, ERS, 202-219-0798. [Lotus 1-2-3 (.WK1), one 3.5" disk], (7/91). A version of this is included on the ERS CD-ROM, # 93050.
Stock # 91013 \$25

Farm Sector Balance Sheet by Sales Class. U.S. and State data (including farm households) on farm assets, real estate and nonreal estate debt, equity, total claims, and debt-to-asset ratios by sales class, 1960-89. Similar data excluding farm households are included for 1974-89. Kenneth Erickson, ERS, 202-219-0798. [Lotus 1-2-3 (.WK1), one 3.5" disk], (11/91). A version of this is included on the ERS CD-ROM, # 93050.
Stock # 92003 \$25

State-Level Costs of Production. Costs of production, 1987-89, by selected States for nine major field crops including feed grains, wheat, rice, cotton, soybeans, and peanuts. Mir Ali, 202-219-0802. [Lotus 1-2-3 (.WK1), one 3.5" disk], (5/92).
Stock # 92013 \$25

Rural Affairs

Rural Development. Extensive data on employment, income, labor force, and unemployment presented by metro and nonmetro portions of regions, States, and counties grouped by metro status and economic base. Martha Frederick, ERS, 202-219-0538. [Lotus 1-2-3 (.WK1)], (10/90). A version of this is included on the ERS CD-ROM, # 93050.

Stock # 88013A Five 5.25" disks \$65
Stock # 88013B Two 3.5" disks \$35

Geographic Distribution of Federal Funds, 1985. Traces Federal funds to counties and States by program, type of payment, and function. Counties are identified by region, metro/nonmetro status, and social and economic characteristics. Rick Reeder, ERS, 202-219-0544. [EBCDIC, 1 tape], (9/88).
Stock # 88022 \$130

Trade

PL480 & Other Concessional U.S. Exports. Volume and value data, 1985-89, by commodity and country for agricultural exports under the Food for Peace and other food-aid programs. Mark Smith, ERS, 202-219-0821. [Lotus 1-2-3 (.WK1), one 3.5" disk], (2/91). A version of this is included on the ERS CD-ROM, # 93050.
Stock # 86013 \$25

Caribbean Fruits & Vegetables. Market characteristics for U.S. imports of selected fruits and vegetables from the Caribbean, Central America, and Mexico for 1975-87. Includes annual and monthly supply, use, and trade data as well as monthly wholesale prices for New York and Chicago. Dick Brown, ERS, 202-219-0680. [Lotus 1-2-3 (.WK1)], (1/91). A version of this is included on the ERS CD-ROM, # 93050.
Stock # 88015A Five 5.25" disks \$65
Stock # 88015B One 3.5" disk \$25

USSR Agricultural Trade, 1986-89. Soviet data on volume and ruble value of imports and exports of agricultural commodities, machinery, and other inputs. Christian Foster, ERS, 202-219-0621. [Lotus 1-2-3 (.WK1), 5.25" disks], (11/90).
Stock # 88016A 1986 data (2 disks) \$35
Stock # 88016B 1987 data (2 disks) \$35
Stock # 88016C 1988-89 data (2 disks) \$35

U.S.-USSR Bilateral Trade. U.S. agricultural exports to and imports from the USSR, total and by specific commodities, value and quantity, for fiscal years 1970-90 and calendar years 1970-89. Includes total U.S. exports to and imports from the USSR. Christian Foster, ERS, 202-219-0621. [Lotus 1-2-3 (.WK1), one 5.25" disk], (6/91). A version of this is included on the ERS CD-ROM, # 93050.
Stock # 88019 \$25

Data Products

USSR Trade Compendium. Soviet value and quantity data on agricultural imports and exports, 1955-89, including total imports and exports; imports by origin for grains, flour, soybeans, sugar, cotton, red meat, and poultry; imports by type for oilseeds, vegetable oils, and meat; exports by destination of grains, flour, sugar, sunflowerseed oil, and cotton; and exports by type for vegetable oils and meat. Christian Foster, ERS, 202-219-0621. [Lotus 1-2-3 (.WK1), six 5.25" disks], (1/91). A version of this is included on the ERS CD-ROM, # 93050.

Stock # 88023 \$75

Asia/Near East Agricultural Trade. Tabulations of agricultural trade between the United States and selected Asian and Near East countries and regions, 1962-86. Includes data for 12 major commodity groups and significant elements of each group. Daniel Timms, ERS, 202-219-0705. [Lotus 1-2-3 (.WK1), three 5.25" disks], (2/89).

Stock # 89012 \$45

U.S. Trade, 1978-87. Annual data on the value of imports and exports for 100 industry-based (SIC) commodity groups. The database covers U.S. trade with 110 countries. Lon Cesal, ERS, 202-219-0700. [Lotus 1-2-3 (.WK1), twelve 5.25" disks], (8/89).

Stock # 89030 \$135

U.S./Pacific Rim Agricultural Trade. Annual data, 1968-90, for U.S. agricultural exports to and imports from Japan, Taiwan, South Korea, Hong Kong, New Zealand, Australia, and Canada. Covers quantity and value for trade in major commodity groups and subgroups. Fiscal year and calendar year data are included. Wilma Davis, ERS, 202-219-0612. [Lotus 1-2-3 (.WK1), one 3.5" disk], (3/92). A version of this is included on the ERS CD-ROM, # 93050.

Stock # 90007 \$45

World Agricultural Trade Flows. Country and regional trade matrixes by commodity and year for 1962-90 (oilseeds, oils, oilseed meals, and food grains) and 1962-90 (feed grains). **NOTE:** Requires 3.9-4.6MB of hard disk space per commodity. Edward Overton, ERS, 202-219-0700. [Archived Lotus 1-2-3 (.WK1), 3.5" disks], (3/92). A version of this is included on the ERS CD-ROM, # 93050.

Stock # 91001A Food Grains (3 disks) \$45

Stock # 91001B Feed Grains (5 disks) \$65

Stock # 91001C Soybean Products & Other Oilseed Meal (4 disks) \$55

Stock # 91001D Rape & Sunflower Seed & Oil (3 disks) \$45

Stock # 91001E Tropical Oils (5 disks) \$65

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U.S. Agricultural Trade. Monthly and annual data, 1988-90, on agricultural imports and exports by commodity group. Volume and value series are included. Tom Warden, ERS,

202-219-0822. [Lotus 1-2-3 (.WK1), one 3.5" disk], (6/91). A version of this is included on the ERS CD-ROM, # 93050.
Stock # 91010 \$25

High-Value Export Indexes. Value-weighted quantity indexes of exports of food, feed, tobacco, and 24 product/commodity classes. Indexes are reported for the world, 7 economic development groups, 13 geographic regions, and 149 countries for 1961-86. Larry Traub, ERS, 202-219-0716. [Lotus 1-2-3 (.WK1), two 3.5" disks], (8/91). A version of this is included on the ERS CD-ROM, # 93050.
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SWOPSIM Database. This extensive database for studies of agricultural trade liberalization includes 1989 data for 22 commodities and 6 different world model specifications. Included are elasticities of supply and demand, quantities, and prices, and levels of support expressed as producer and consumer subsidy equivalents (PSEs and CSEs). Data are designed to be used with the SWOPSIM Modeling Framework (stock # 92012). John Sullivan, ERS, 202-219-0634. [SuperCalc 5 (.CAL), 3.5" disks]. **NOTE:** Requires 3-8 MB of hard disk space. This product updates and replaces # 89017. (5/92).

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Processed Food Trade. U.S. trade in processed food, 1988-91. Values of exports and imports are shown by SIC product group for each trading partner. Walter Epps, ERS, 202-219-0866. [Lotus 1-2-3 (.WK1), one 3.5" disk], (8/92). A version of this is included on the ERS CD-ROM, # 93050.
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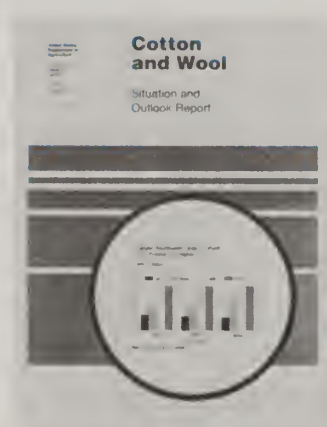
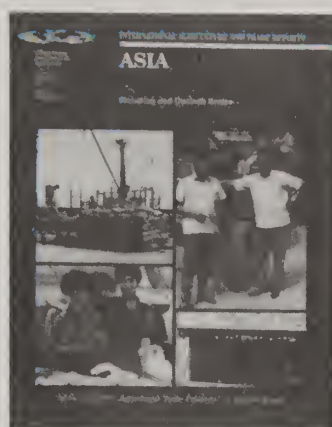
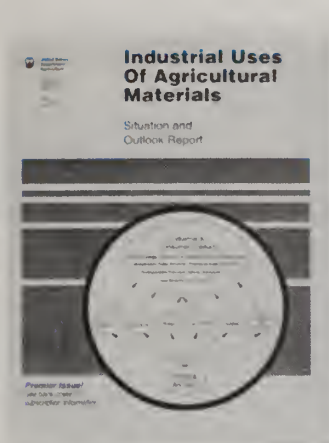
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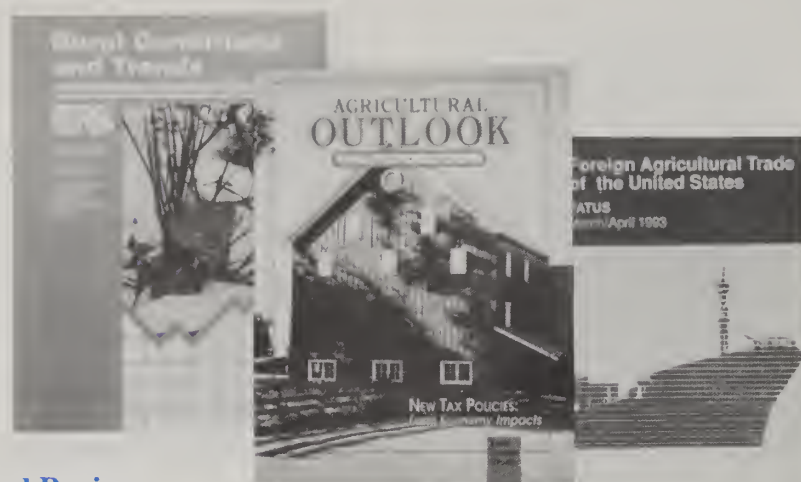
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This section lists NASS titles and issue dates. Reports available via subscription include all the issues listed immediately below the title. Please order NASS annual reports (those with stock numbers beginning with the letter "Z") using the monograph order form on page 23 at the back of this publication. Or call the ERS-NASS order desk, toll-free, at 1-800-999-6779.

Field Crop Reports

Crop Production. 12 monthly issues plus five supplements. Paper subscription: **Stock # PCP. 1 yr, \$49; 2 yrs, \$96; 3 yrs, \$144.** Electronic subscription: **Stock # PCP-BB;** same prices as paper.

January 12: Hay stocks on farms December 1, 1993; indicated production of 1993-94 citrus fruits; papaya acreage and production; indicated cottonseed production; area planted and harvested, yield, and production of cotton and winter potatoes. Revised acreage, yield, and production for 1993 spring potatoes; revised production, utilization, price, and value for 1992-93 CA Valencia oranges.

February 10: Indicated production of 1993-94 citrus fruits; papaya acreage and production; area harvested, yield, and production of winter potatoes as of February 1. Area harvested, yield, and production of sugarcane for 1993.

March 10: Indicated production of 1993-94 citrus fruits; papaya acreage and production; area planted and harvested of spring potatoes; area harvested, yield per acre, and production of winter potatoes as of March 1. Area harvested, yield, and production of sugarcane for 1993.

April 12: Indicated production of 1993-94 citrus fruits; papaya acreage and production; area planted and harvested, yield, and production of spring potatoes as of April 1. Revisions for acreage, yield, and production of 1993 peanuts and summer potatoes; also revised price and value of 1993 peanuts. Monthly marketings of peanuts for 1993; revised production, utilization, price and value for 1992-93 CA "Other Areas" grapefruit.

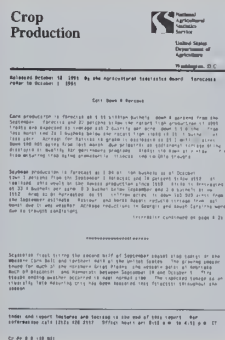
May 10: Winter wheat indicated area harvested, yield, production, and U.S. production by class as of May 1. Indicated area harvested, yield, and production for durum wheat (AZ and CA) and spring potatoes; indicated production of 1993-94 cit-

rus fruits, sweet cherries (CA), and almonds; papaya acreage and production; acreage, yield, production utilization, price, and value for 1993-94 and revised 1992-93 avocados (FL and HI). Hay stocks on farms May 1 and condition of pastures and ranges. Monthly percent marketings of tobacco by farmers for 1993 and cotton lint for 1992 and 1993 crops. Revised 1993 acreage, yield, production, and value of cotton lint and tobacco (by type and class) and lint/seed ratio for major cotton States. Revised 1993 and final revisions for 1992 production, disposition, and value of cottonseed; revision of 1993 almond production. Revised acreage, yield, and production of 1993 crop bananas, papayas, and taro.

June 9: Winter wheat indicated area harvested, yield, production, and U.S. production by class as of June 1; durum wheat indicated area harvested, yield and production for AZ and CA; indicated production of peaches, Bartlett pears (Pacific Coast States), cherries (Western States), apricots, nectarines, plums (CA), prunes (CA), almonds and 1993-94 citrus fruits; hop acres strung for harvest by variety; papaya acreage and production; area harvested, yield, and production of spring potatoes; condition of pastures and ranges, sugarbeets sliced and products; maple syrup production, price, and value. Revisions for acreage, yield, and production of 1993 sugarbeets and sugarcane, and revision of production of beet and cane sugar, and cane molasses. Revised planted and harvested acres, yield, and production for 1993 sweetpotatoes. Revised 1993 production of Bartlett pears (Pacific Coast States) and prunes (CA). Revised 1993 maple syrup production, price, and value.

July 12: Indicated area harvested, yield and production as of July 1 for all wheat, winter wheat, durum, other spring wheat, oats, barley, flue-cured tobacco, and summer potatoes. Planted acres and indicated area harvested for fall potatoes. Percent of acreage planted for 1994 fall potatoes by types (11 major States). Acreage planted for certified seed potatoes (fall States). U.S. production of wheat by class, commercial apples, apricots, peaches, pears, sweet cherries, tart cherries, nectarines, almonds, walnuts, and 1993-94 citrus fruits, grapes (CA), prunes (CA), and plums (CA); papaya acreage and production; condition of pastures and ranges.

August 11: Updated planted acreage - all crops, if changed; indicated area harvested, yield, and production as of August 1 for corn for grain, all wheat, winter wheat, durum, other spring wheat, oats, barley, cotton, rice, hay, sorghum for grain, dry edible beans, soybeans for beans, peanuts for nuts, summer potatoes, tobacco (by type and class), sugarbeets, sugarcane for sugar and seed, and hops; indicated cottonseed production. Indicated U.S. production of wheat and rice by class,



NASS Reports

commercial apples, peaches, pears, grapes, olives (CA), prunes and plums (ID, MI, OR, WA); papaya acreage and production; condition of pastures and ranges. Revised acreage, yield, and production tobacco Type 32 for 1993.

September 12: Indicated area harvested, yield, and production as of September 1 for corn for grain, all wheat, durum, other spring wheat, barley, cotton, rice, sorghum for grain, dry edible beans, soybeans for beans, peanuts for nuts, summer potatoes, tobacco (by type and class), sugarbeets, sugarcane for sugar and seed; indicated cottonseed production; 1994-95 production for CA Navel oranges. Indicated U.S. production of wheat and rice by class, pears, grapes, prunes and plums (ID, MI, OR, WA), hazelnuts, prunes (CA), walnuts and pecans; papaya acreage and production; condition of pastures and ranges. Revised production of 1993-94 coffee. Revised area planted and harvested, yield, and production of 1993 potatoes (all seasons). Preliminary production for 1993-94 citrus and revised for 1992-93 crop.

October 12: Indicated area harvested, yield, and production as of October 1 for corn for grain, cotton, rice, sorghum for grain, hay, dry edible beans, dry edible peas, Austrian winter peas, lentils, soybeans for beans, peanuts for nuts, sunflower, tobacco (by type and class), sugarbeets, sugarcane for sugar and seed; indicated cottonseed production. Area planted for dry edible peas, Austrian winter peas, and lentils. Indicated U.S. production of rice by class, commercial apples, grapes, prunes and plums (ID, MI, OR, WA), hazelnuts, pecans, and 1994-95 citrus fruits; papaya acreage and production; condition of pastures and ranges. Revised acreage, yield, and production for soybeans, sunflower, dry edible peas, Austrian winter peas, and lentils for 1993 and winter potatoes for 1994.

November 9: Indicated area harvested, yield, and production as of November 1 for corn for grain, cotton, rice, sorghum for grain, dry edible beans, soybeans for beans, peanuts for nuts, tobacco (by type and class), sugarbeets, and sugarcane for sugar and seed; indicated cottonseed production. Planted

(continued on page 27)



A Word About NASS Reports . . .

The Agricultural Statistics Board (ASB) estimates production, stocks, inventories, disposition, utilization, and prices of agricultural inputs and commodities, and such other items as labor, farm numbers, and agricultural chemical usage.

National reports are issued from the Washington, D.C., headquarters at 3 p.m. ET, unless otherwise noted. Individual State reports are issued from the State Statistical Offices (SSO's) following release of the national estimates. Printed copies of both ASB and SSO reports are available for a fee. To subscribe to national reports, use the order form in this publication. State reports may be obtained from the appropriate SSO.

NASS reports are available electronically immediately after release via the U.S. Department of Agriculture's Computerized Information Delivery Service (CIDS). Included on the system are most NASS national reports, selected reports from NASS SSO's, plus data loaded by other Government agencies. NASS data generally remains on this system for no more than two weeks.

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The ASB has data relating to crop acreage, yield, and production, hog, cattle, and poultry inventories, prices re-

ceived and county estimates for many crop and livestock items available on 3.5-inch diskettes at a cost of \$25.00 per diskette. See page 7.

NASS has developed a directory system called NASS INFO which provides an easy and consolidated way for obtaining information about NASS. The system provides information on NASS organization, reports, and information contacts through a series of menus. The system, designed for use with a personal computer, also prints forms for ordering reports. The NASS INFO diskette is available to the general public free upon request by contacting the NASS Publication Office at (202) 720-4020.

NASS Revision Policy

Most estimates are subject to revision, if necessary, when the next estimate is prepared. Revisions are made to provide data users with the best possible data for evaluating the current estimates. Revisions are based on additional data, such as new surveys, late reports, corrected data, or more complete administrative data. Revisions may also be based on a re-evaluation of previous survey data when making current estimates to improve survey to survey relationships.

When the Agricultural Census, conducted by the Department of Commerce, becomes available every 5 years, all estimates made during these 5 years are reviewed for possible revisions.

acres, indicated area harvested, yield, and production of fall potatoes. Percent of 1994 fall potatoes planted by variety. Indicated U.S. production of rice by class; hazelnuts, and 1994-95 citrus fruits; papaya acreage and production; condition of pastures and ranges. Cropping practice data for selected States; corn plant population and number of ears and row width; soybean row width and pods with beans per 18 square feet.

December 9: Indicated area harvested, yield, and production of burley tobacco, cotton, and dry edible beans; also planted acreage and production by commercial class for dry edible beans. Indicated production of cottonseed and pecans and 1994-95 citrus fruits; papaya acreage and production. Monthly marketings of corn, sorghum, barley, oats, wheat, cotton, soybeans, flaxseed, hay, peanuts, and dry edible beans. Revised acreage, yield, production, and production by commercial class of dry edible beans for 1993.

Annual Summary: January 12. Acreage, yield, and production data for 1993 and revised for 1992. (State estimates for noncitrus fruits and nuts included in "Noncitrus Fruits and Nuts—Preliminary.")

Winter Wheat and Rye Seedings: January 12. Seeded acreage of 1994 winter wheat and rye crops; seedings of durum wheat (AZ and CA).

Prospective Plantings: March 31. Expected plantings as of March 1 for corn, all wheat, winter, durum, and other spring wheat, oats, barley, flaxseed, cotton, rice by length of grain classes, all sorghum, sweetpotatoes, dry edible beans, soybeans, sunflower, peanuts, and sugarbeets; acreage for harvest of oats, hay, and tobacco.

Acreage: June 30. Planted area by State for corn, soybeans, winter wheat, spring wheat, durum wheat, oats, barley, rye, sorghum, rice by length of grain, peanuts, oil and non-oil sunflower, flaxseed, canola, rapeseed, safflower, mustard seed, cotton, dry beans, summer potatoes, sweetpotatoes, and sugarbeets; harvested area for corn for grain, soybeans for beans, winter wheat, spring wheat, durum wheat, oats, barley, rye, sorghum for grain, rice by length of grain, peanuts, oil and non-oil sunflower, flaxseed, canola, rapeseed, safflower, mustard seed, dry beans, summer potatoes, sweetpotatoes, and sugarbeets; harvested area only for alfalfa hay, other hay, tobacco, and sugarcane.



Small Grains: September 29. Acreage, yield, and production of wheat, oats, barley, and rye for 1994, including revised data for 1993 and U.S. production of wheat by class.

Crop Progress. 36 issues, Mondays during growing season, Apr-Nov. Paper subscription: **Stock # PCR. 1 yr, \$53; 2 yrs, \$104; 3 yrs, \$156.** Electronic subscription: **Stock # PCR-BB;** same prices as paper.

Issued weekly during the growing season; this report lists planting, fruiting, and harvesting progress and overall condition of selected crops in major producing States. The data, summarized by crop and by State, are republished along with any revisions in the *Weekly Weather and Crop Bulletin*. To order from NOAA/USDA, call (202) 720-7919.

Weekly Weather and Crop Bulletin: Wednesdays.

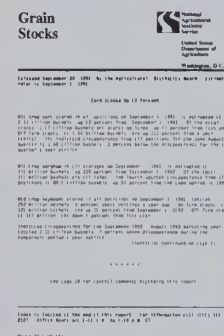
Summarizes weather and its effect on crops the previous week (issued jointly by Departments of Commerce and Agriculture). Contains summaries and farm progress for 44 States and New England area. To order, call NOAA/USDA at (202) 720-7919.

Grain Stocks. 4 issues. **Stock # PGS. 1 yr, \$18; 2 yrs, \$34; 3 yrs, \$51.**

January 12: Stocks of all wheat, durum wheat, corn, sorghum, oats, barley, and soybeans on December 1, 1993, by States; revisions of all wheat, durum wheat, corn, oats, barley, sorghum, soybeans, flaxseed, rye, and sunflower for 1993. Number and capacity of off-farm storage facilities and capacity of onfarm storage facilities on December 1, 1993.

March 31: Stocks of all wheat, durum wheat, corn, sorghum, oats, barley, and soybeans on March 1, by States, and previous quarter revisions.

June 30: Stocks of all wheat, durum wheat, corn, oats, barley, sorghum, soybeans, flaxseed, canola, rapeseed, and rye on June 1, by States, and previous quarter revisions.



NASS Reports

September 29: Stocks of all wheat, durum wheat, corn, oats, barley, soybeans, sorghum, sunflower, safflower, and mustard seed on September 1, by States, and previous quarter revisions.

Hop Stocks. 2 issues, March 24 and September 22. **Stock # PHS.** 1 yr, \$14; 2 yrs, \$26; 3 yrs, \$39.

Grower, dealer, and brewer stocks March 1 and September 1 for the U.S.

Peanut Stocks and Processing. 12 issues. **Stock # PPS.** 1 yr, \$26; 2 yrs, \$50; 3 yrs, \$75.

Jan 26, Feb 28, Mar 28, Apr 28, May 26, Jun 28, Jul 27, Aug 26, Sep 27, Oct 28, Nov 29, Dec 28. Stocks end of previous month; millings, production, and disappearance of milled products, previous month, for the United States. Preliminary season totals shown in August release. Revised season totals shown in September release.

Potatoes. 6 issues plus supplement. **Stock # PPO.** 1 yr, \$21; 2 yrs, \$40; 3 yrs, \$60.

Potato Stocks: Jan 14, Feb 14, Mar 11, Apr 13, May 12, Dec 13. Grower, processor, and local dealer storage stocks in fall producing areas, first of the month by States. The December release also includes acreage, yield, and production estimates as of December 1, and potato size, harvest loss, and hills per acre in selected fall potato States.

Potatoes: September 22. Production, farm disposition, value, and stocks by States, and utilization of Irish potatoes for the United States, 1993 crop.

Rice Stocks. 4 issues. January 12, March 31, August 31, October 31. **Stock # PRS.** 1 yr, \$17; 2 yrs, \$32; 3 yrs, \$48.

Rough and milled rice stocks on and off farms, December 1, 1993, March, August, and October by States; and stocks by length of grain classes (five Southern States and CA). October report is for CA only.

Cotton Ginnings. 13 issues mailed approximately twice per month during Aug-Mar ginning season, plus annual summary. **Stock # PCG.** 1 yr, \$28; 2 yrs, \$54; 3 yrs, \$81.

Jan 12, Jan 25, Feb 10, Mar 24, Aug 11, Sep 12, Sep 26, Oct 12, Oct 25, Nov 9, Nov 23, Dec 9, Dec 22. Running bales ginned to date for all cotton and American-Pima cotton, by State. County ginnings, relating to first-of-month, are released with mid-month State ginnings. The March report contains running bales ginned, 480-pound bales ginned, and average bale weight, for 1993, by State.

Cotton Ginnings Annual: May 10. Running bales ginned, 480-pound bales produced, average bale weight, number of active cotton gins, by State and county for each survey period.

Fruit, Nut, and Vegetable Reports

Almond Production. Annual, June 28 (tentative). **Stock # ZAL-94.** \$7.50.

Late June production forecast for 1994 crop. Release date depends on development of crop.

Cherry Production. Annual, June 30 (tentative). **Stock # ZCP-94.** \$7.50.

Mid-June production forecast for 1994 crop, Great Lakes States. Release date depends on development of crop.

Citrus Fruits. Annual, September 23. **Stock # ZCF-94.** \$9.00.

Annual summary of acreage, yield, production, use, price, and value 1993-94 crop and revised 1992-93 crop.

Cranberries. Annual, August 16. **Stock # ZCR-94.** \$7.50.

Indicated 1994 production by States; acreage, yield, production, utilization, price, and value for 1992 and 1993 crops, by States. Released at 1:00 P.M. ET.

Hazelnut Production. Annual, August 24 (tentative). **Stock # ZFP-94.** \$7.50.

Mid-August production forecast for 1994 crop. Release date depends on development of crop.

Noncitrus Fruits and Nuts. 2 issues. **Stock # PNF.** 1 yr, \$17; 2 yrs, \$32; 3 yrs, \$48.

Preliminary: January 20. Preliminary summary of acreage, yield, production, use, price, and value 1993 crop, by States.

Annual Summary: July 8. Annual summary of acreage, yield, production, use, price, and value 1993 crop, by States.

Walnut Production. Annual, September 1 (tentative). **Stock # ZWP-94.** \$7.50.

Production forecast for CA walnuts for 1994. Release date depends on development of crop.

Tomatoes: Weekly during season.

Plantings and rate of harvest in Florida published Tuesdays during season or if holiday conflicts, next business day. To order from the Florida State Statistical office, call (407) 648-6013.

Vegetables. 5 issues plus summary. Stock # PVG. 1 yr, \$20; 2 yrs, \$38; 3 yrs, \$57.

January 18: Winter season acres for harvest for snap beans, broccoli, cabbage, carrots, cauliflower, celery, sweet corn, eggplant, escarole/endive, head lettuce, bell peppers, spinach, tomatoes, spring onions (TX), strawberries (FL). Planted acres for spring onions and strawberries.

April 15: Spring season acres for harvest for asparagus, snap beans, broccoli, cabbage, cantaloup, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole/endive, honeydews, head lettuce, bell peppers, tomatoes, watermelon, spring onions, and strawberries. Planted acres for spring and/or intentions for summer onions. Acreage, yield, and production for strawberries (FL) and spring onions (GA and TX). Intentions to plant processing vegetables: snap beans, sweet corn, cucumbers, green peas, and tomatoes.

July 15: Summer season acres for harvest for snap beans, broccoli, cabbage, cantaloup, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole/endive, honeydews, head lettuce, bell peppers, tomatoes, watermelon, summer onions, storage. Acreage, yield, and production for strawberries, and spring and summer non-storage onions. Planted acreage for processing vegetables: snap beans, sweet corn, cucumbers, and tomatoes. Acreage, yield, and production for green peas, and spring onions. Annual onion revisions, all types.

September 16: Acreage, yield, and production for spring and summer onions. Value for spring onions. Acreage, yield, and production for processing vegetables: snap beans, sweet corn, and tomatoes.

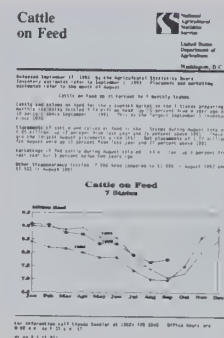
October 14: Fall season acres for harvest for snap beans, broccoli, cabbage, cantaloup, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole/endive, honeydews, head lettuce, bell peppers, and tomatoes. Acres intended spring onions (TX). Acreage, yield, and production for summer storage onions.

Annual Summary: January 18. Preliminary 1993 fresh market estimates of acreage, yield, production, marketing year average price, and value for artichokes, lima beans, snap beans, brussels sprouts, cabbage, cantaloup, celery, sweet corn, eggplant, escarole/endive, garlic, honeydews, head lettuce, leaf lettuce, romaine lettuce, bell peppers, spinach, tomatoes, and watermelon. Acreage, yield, production, marketing year average price, value, and utilization for asparagus, broccoli, carrots, cauliflower, and strawberries. Utilization of onions. Preliminary estimates for processing vegetables: beets, lima beans, snap beans, cabbage for kraut, sweet corn, cucumbers, green peas, spinach, and tomatoes. Revision of 1992 vegetable estimates. Acreage, yield, production, and value of cucumbers for pickles. End-of-season pickle stocks.

Livestock Reports

Cattle. 2 Cattle reports plus 12 issues of *Cattle on Feed*. Stock # PCT. 1 yr, \$29; 2 yrs, \$56; 3 yrs, \$84.

February 4: Inventory number and value of all cattle and calves as of January 1, 1994, and number of calves born during 1993, by States. Number of all cattle and number by classes July 1, 1993, U.S. Number of operations keeping cattle, beef cows, and milk cows, by States and U.S. in 1993. Number of operations and percentage distribution of cattle, beef cow, and milk cow operations, and inventory by size groups in major States and U.S. Total number on feed Jan 1, 1994, by States and U.S.



July 22: Inventory number of all cattle and calves and number by classes, U.S., July 1, 1994. Expected 1994 calf crop, United States.

Cattle on Feed: Jan 28, Feb 18, Mar 18, Apr 22, May 20, Jun 17, Jul 22, Aug 19, Sep 16, Oct 21, Nov 18, Dec 16. All issues show monthly total number on feed, placements, marketings, and other disappearance and shown separately for feedlots with 1,000 head or more capacity for seven selected States. Total number on feed, number on feed by class, placements, marketing, and other disappearance and shown separately for feedlots with 1,000 head or more capacity for 13 States in January, April, July, and October reports. Number of feedlots and fed cattle marketings during 1993 and January inventory 1994, by size groups, for 13 States in February report.

Hogs and Pigs. 4 issues. Stock # PHP. 1 yr, \$17; 2 yrs, \$32; 3 yrs, \$48.

March 25: Inventory and number by classes as of March 1; December 1993-February 1994 farrowings and pig crop; March-August 1994 farrowings indicated by breeding intentions for 16 States and U.S.

June 30: Inventory and number by classes as of June 1; March-May 1994 farrowings and pig crop; June-November 1994 farrowings indicated by breeding intentions for 16 States and U.S.

September 29: Inventory and number by classes as of September 1; June-August 1994 farrowings and pig crop; September 1994-February 1995 farrowings indicated by breeding intentions for 16 States and U.S.

December 29: Inventory and value and number by classes as of December 1; September-November 1993 farrowings and pig crop; December 1993-May 1994 farrowings indicated by

NASS Reports

breeding intentions, 16 States and United States. Farrowings and pig crop December 1992-November 1993, by three month periods, by States. Number of operations keeping hogs, by States and United States. Number of hog operations and percent of inventory by size groups in 16 States and U.S.

Livestock Slaughter. 12 issues plus annual summary. Stock # PLS. 1 yr, \$31; 2 yrs, \$60; 3 yrs, \$90.

Jan 21, Feb 25, Mar 25, Apr 22, May 20, Jun 24, Jul 22, Aug 19, Sep 23, Oct 21, Nov 23, Dec 22. Number of head, live weight, and dressed weight of cattle, calves, sheep and lambs, and hogs and pigs slaughtered in commercial plants, and number by class in federally inspected plants, by States. Red meat production by species, by States and U.S.

Annual Summary: March 14. Annual summary for total livestock slaughter and meat production for 1993, by States and months. Number of cattle, calves, sheep and lambs, and hogs and pigs slaughtered in federally inspected plants, by class, for selected States and United States. Number of goats and equine slaughtered in federally inspected plants in 1993, U.S. Weekly number of head slaughtered in federally inspected plants, by species and class, U.S. Number of federally and non-federally inspected plants and number of head slaughtered in 1993. Also number of head slaughtered in federally inspected plants by size group and species, U.S.

Meat Animals: Production, Disposition, and Income. Annual, April 14. Stock # ZMA-94. \$9.00.

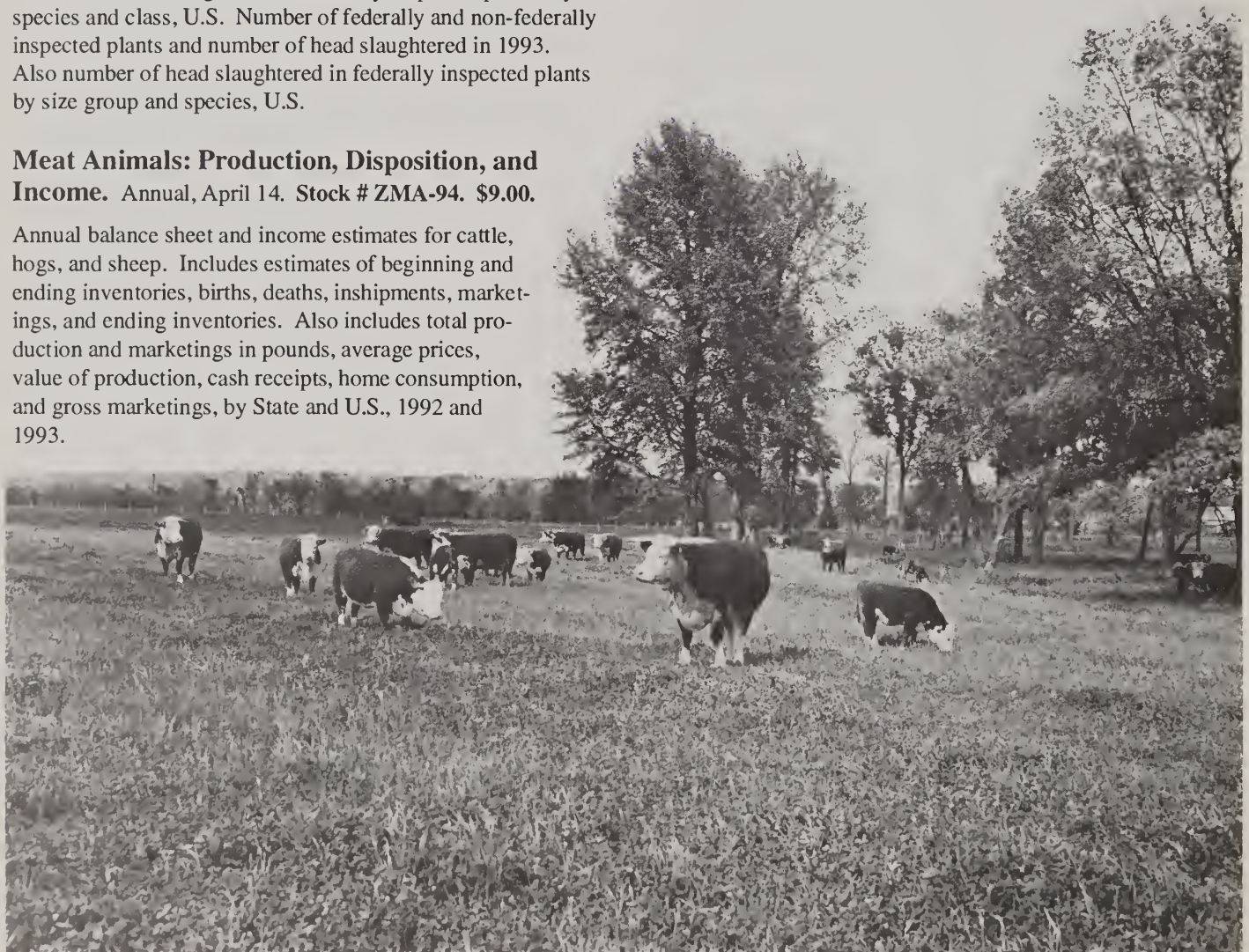
Annual balance sheet and income estimates for cattle, hogs, and sheep. Includes estimates of beginning and ending inventories, births, deaths, inshipments, marketings, and ending inventories. Also includes total production and marketings in pounds, average prices, value of production, cash receipts, home consumption, and gross marketings, by State and U.S., 1992 and 1993.

Sheep and Goats. 5 issues. Stock # PGG. 1 yr, \$19; 2 yrs, \$36; 3 yrs, \$54.

Sheep and Goats: January 28. Number of sheep, value and classes by State and United States, 1993 and 1994. January 1 Angora goat inventory and value for AZ, MI, NM, OK, and TX, 1993 and 1994. All goat inventory and value for TX only, 1992-94. Lamb crop by State and U.S., 1992 and 1993. Number of operations keeping sheep by State and U.S., 1992 and 1993. Operations and inventory by size groups, regions, and U.S., 1993 and 1994. Total number on feed for slaughter, January 1, 1994, by State and U.S.

Wool and Mohair: March 29. Number of sheep shorn, wool production, price, and value, by States for 1992 and 1993. Number of goats clipped, mohair production, and value for AZ, MI, NM, OK, and TX for 1992 and 1993.

Sheep and Lambs on Feed: January 28, March 18, November 18. Number on feed for slaughter by weight group, placements, marketings, returned to breeding herd, and other disappearance, 6 major feeding States.



Poultry Reports

Broiler Hatchery. 52 issues, weekly plus 2 supplements. Paper subscription: **Stock # PBH. 1 yr, \$70; 2 yrs, \$138; 3 yrs, \$207.** Electronic subscription: **Stock # PBH-BB;** same prices as paper.

Number of broiler chicks placed and eggs set for the previous week, 15 States. Available every Wednesday or, if Federal holiday is on a Tuesday or Wednesday, next business day.

Hatchery Production, Annual: April 11. U.S. commercial hatchery data on number of broiler-type and egg-type chicks hatched, monthly, major States and U.S. Number of eggs in incubators on the first of each month, by region and U.S. Broiler chicks placed and eggs set by weeks for the 15 selected States. Turkey poults placed and turkey eggs in incubators, by region and U.S.

Poultry: Production and Value: May 2. Estimates of production and value for commercial broilers, eggs, turkeys raised, and chickens sold for 1992-93, by State and U.S.

Chickens and Eggs. 12 issues plus 3 supplements. **Stock # PEC. 1 yr, \$36; 2 yrs, \$70; 3 yrs, \$105.**

Jan 27, Feb 24, Mar 24, Apr 25, May 24, Jun 24, Jul 25, Aug 25, Sep 23, Oct 24, Nov 22, Dec 22. Number of layers on hand, eggs per 100 layers, and total eggs produced during preceding month by type of flock, by major States and U.S. Number of layers and eggs produced per 100 layers on the first of the month, by major States and U.S. Pullets added and layers' disposition at the 30 State level. Layers being molted and molt completed, by major States and U.S. U.S. commercial hatchery data on number of broiler-type and egg-type chicks hatched during preceding month, major States and U.S. and number of eggs in incubators on the first of the month, by region and U.S. Number of broiler-type pullet chicks for hatchery supply flocks (total and domestic) and number of egg-type pullet chicks for hatchery supply flocks, U.S.

Hatchery Production, Annual: April 11. U.S. commercial hatchery data on number of broiler-type and egg-type chicks hatched, monthly, major States and U.S. Number of eggs in incubators on the first of each month, by region and U.S. Broiler chicks placed and eggs set by weeks for the 15 selected States. Turkey poults placed and turkey eggs in incubators, by region and U.S.

Layers and Egg Production, Annual: January 27. Monthly estimates of the number of layers on hand, rate of lay and egg production for 1992 and 1993. Quarterly estimates of number of layers, rate of lay and egg production for 1992 and 1993, by States. Potential layers by geographic regions (summary of revised quarterly data) December 1, 1992, and 1993 chicken inventories and values, by States.



Poultry: Production and Value: May 2. Estimates of production and value for commercial broilers, eggs, turkeys raised, and chickens sold for 1992-93, by State and U.S.

Turkey Hatchery. 12 issues plus 4 supplements. **Stock # PTH. 1 yr, \$29; 2 yrs, \$56; 3 yrs, \$84.**

Jan 13, Feb 14, Mar 14, Apr 13, May 12, Jun 14, Jul 13, Aug 12, Sep 14, Oct 14, Nov 15, Dec 14. Number of turkey eggs in incubators on first of current month and poults placed during preceding month, including previous month revisions, by geographic regions and U.S.

Turkeys: January 14. Number of turkeys raised during preceding year and intended to be raised during current year, major States. Revised turkey poults placed for the Sep through Aug hatching period, U.S.

Turkeys: August 18. Preliminary number of turkeys raised during current year and revisions for the previous year, major States.

Hatchery Production, Annual: April 11. U.S. commercial hatchery data on number of broiler-type and egg-type chicks hatched, monthly, major States and U.S. Number of eggs in incubators on the first of each month, by region and U.S. Broiler chicks placed and eggs set by weeks for the 15 selected States. Turkey poults placed and turkey eggs in incubators, by region and U.S.

Poultry: Production and Value: May 2. Estimates of production and value for commercial broilers, eggs, turkeys raised, and chickens sold for 1992-93, by State and U.S.

Price and Expenditure Reports

Egg Products. 12 issues. Stock # PEP. 1 yr, \$26; 2 yrs, \$50; 3 yrs, \$75.

Jan 10, Feb 3, Mar 4, Apr 6, May 5, Jun 6, Jul 6, Aug 3, Sep 2, Oct 4, Nov 4, Dec 2. Inspections of eggs broken, liquid egg usage, and products by form, U.S.

Poultry Slaughter. 12 issues. Stock # PPY. 1 yr, \$26; 2 yrs, \$50; 3 yrs, \$75.

Jan 5, Feb 3, Mar 3, Apr 4, May 3, Jun 3, Jul 1, Aug 3, Sep 2, Oct 4, Nov 3, Dec 2. Number of head and pounds slaughtered under Federal inspection by class, estimated total poultry slaughtered, condemnations by selected States and U.S.

Dairy Products

Dairy Products. 12 issues plus supplement. Stock # PDP. 1 yr, \$29; 2 yrs, \$56; 3 yrs, \$84.

Jan 5, Feb 4, Mar 4, Apr 6, May 6, Jun 3, Jul 7, Aug 5, Sep 6, Oct 5, Nov 4, Dec 2. Production of butter, cheese, frozen products, evaporated, condensed, and dry milk and whey products. Shipments, stocks, and prices of dry milk and whey products, major States and U.S.

Annual Summary: May 6. Summary of production for manufactured dairy products for 1993 and revised data for 1992.

Milk Production. 12 issues plus supplement. Stock # PMP. 1 yr, \$26; 2 yrs, \$50; 3 yrs, \$75.

Jan 14, Feb 16, Mar 15, Apr 15, May 13, Jun 15, Jul 15, Aug 16, Sep 15, Oct 14, Nov 16, Dec 15. Number of milk cows, production per cow, and total milk production during preceding month, for major States in all issues. Included are revisions to the previous month or quarter estimates.

January, April, July, October: Number of milk cows and production, quarterly, by States and U.S.; daily quantity and value of grain and concentrates fed quarterly, by States and U.S.

February: Number of milk cows, production per cow, and milk production revised by months, 1992 and 1993, by States and U.S. Number of milk cow operations, by major States and U.S. Number of milk cow operations, percent of operations, inventory, and milk production, by size groups, major States, and U.S.

May: Annual feeding rates and ration values, by States and U.S.

Milk Production, Disposition, and Income: May 13. Annual number of milk cows, production per cow, and production for the year, by State and U.S., 1991-93. Also amount of milk used on farms and amount sold, cash receipts and value of production by State and U.S.

Agricultural Prices Monthly. 12 issues. Paper subscription: Stock # PAP. 1 yr, \$29; 2 yrs, \$56; 3 yrs, \$84.

Electronic subscription: **Stock # PAP-BB**; same prices as paper.

All issues show prices received by farmers for principal crops, livestock, and livestock products; indexes of prices received by farmers; feed price ratios; indexes of prices paid by farmers; and parity prices.

January, April, July, October:

Prices and indexes for production items purchased by farmers. Feed, fuel, and fertilizer prices published by production regions, other items at U.S. level in designated quarter(s).

January 31: Revised monthly and annual indexes of prices received and paid by farmers. Also, a description of parity prices including: authority for, method of computation, and prices used in parity computations. Revised monthly prices for field crops, oranges, apples, peaches, pears, limes, vegetables, potatoes, and sweetpotatoes; marketing year average prices for oranges and limes. U.S. prices received for special oilseeds. Prices paid for feeder livestock, feed, and fuels. Prices paid regions defined. Five-month average price for rice; 12-month average price for upland cotton.

February 28: Revised monthly and annual average prices for meat animals and milk cows. Noncitrus fruits, monthly and marketing year average prices. Five-month average price for corn and sorghum grain. Equivalent on tree returns for selected fruit crops.

March 30: Revised monthly and annual average prices received for wool and mohair.

April 29: Revised monthly and marketing year average prices for poultry, eggs, field crops, and grapefruit. Revised monthly and annual milk prices and fat tests; seasonally adjusted prices for eggs and all milk sold to plants. Prices paid for feed, fuels, building materials, farm machinery, farm and motor supplies, trucks and autos, pesticides, fertilizer and limestone, replacement livestock, and field seeds. Prices paid index of production items by farm and non-farm origin.

May 31: Marketing year average prices and monthly price revisions for tobacco and cotton. Monthly and marketing year average feed price ratios.

June 29: Revised monthly and annual index of prices received; seasonally adjusted index of prices received; revised marketing year average prices for sweetpotatoes. Twelve-month average price for wheat, barley, and oats.

Agricultural Prices

National
Agricultural
Statistics
Service

United States
Department of
Agriculture

Washington, D.C.

Released September 20 1991 by the Agricultural Station News

Prices Approved Index Up 3 Points

The September 1980 Futures Index of Prices Received was 145 cents on 10/17/80 on 3 points 12 months from August 1983. Prices given for August for oranges include water and apples have more offset price declines for oranges, apples, citrus and corn. More of the index change was attributed to a 13 cent increase in orange prices, primarily the large change in orange prices from August to September, and all four Products Index would have also changed at 183. The orange price change seems to be more representative in the index change than the water change.

Compared with September 1982, all four Products Index was 6 points or 12.5% higher. The August 1982 index was 139 cents. The August 1983 index was 145 cents. The August 1983 index was 145 cents. The August 1983 index was 145 cents.

	1991		1992	
Index	Aug	Sep	Aug	Sep
1987=100				
Oranges Harvested	129	129	142	140
Oranges Aged	1/191	1/191	1/197	1/194
Oranges 1/2	72	72	72	74

1/ 1987=100
 1/ 1991 prices paid (less oranges forward)
 1/ 1992 prices paid (less oranges forward)

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Dr. J. (B-93)

July 29: Description of parity prices, including: authority for, method of computation, and prices used in parity computations. Seasonal adjustment factors for eggs and wholesale milk prices; marketing year average prices for sugarbeets and sugarcane. Prices paid for building materials, feed, fuels, and feeder livestock. Description of indexes and relative importance of components and commodities that are included in the index of prices paid by farmers, including interest, taxes, and farm wage rates. Cattle grazing rates on privately owned non-irrigated land. Fruit prices: revised monthly prices for fresh apples, and pears.

August 31: Marketing year average price for cranberries.

September 30: Revised monthly and marketing year average prices for potatoes and citrus. Twelve-month average price for corn and sorghum grain.

October 31: Marketing year average prices for Upland, American-Pima, and all cotton. Monthly prices for Upland cotton; revised monthly prices for cottonseed. Prices paid for feed, fuels, building materials, farm and motor supplies, farm machinery, fertilizer and limestone, and feeder livestock.

November 30: Marketing year average price for rice. Five-month average price for wheat, barley, and oats.

December 30: Grazing rates on privately owned non-irrigated land and prices paid index for beef cattle production. Annual average prices paid for feed and feeder livestock.

Agricultural Prices. Annual, July 6. Stock # ZAP-94. \$15.00.

Summary of indexes of prices received and paid by farmers; prices received for farm commodities, by States, and prices paid for production items, by region and U.S., 1993 and earlier years.

Farm Production Expenditures. Annual, July 8. Stock # ZPE-94. \$9.00.

Revised 1992 and preliminary, 1993: Estimates of farm production expenditures, by U.S. farm production regions and economic class for major expenses.

Crop Values. Annual, January 25. Stock # ZCV-94. \$9.00.

Marketing year average prices and value of production of principal crops, preliminary 1993 and revised 1991 and 1992. Note: State estimates for fruits and nuts included in "Non-citrus Fruits and Nuts, Preliminary."

Prices Received, Minnesota-Wisconsin Manufacturing Grade Milk Annual. Annual, June 2. Stock # ZPR-94. \$7.50.

MN-WI manufacturing grade milk price series and final two-State estimates for previous 2 years.

Prices Received by Farmers for Manufacturing Grade Milk in Minnesota and Wisconsin: Jan 5, Feb 4, Mar 4, Apr 5, May 5, Jun 3, Jul 5, Aug 5, Sep 2, Oct 5, Nov 4, Dec 5. These reports are issued through the Wisconsin State Statistical office at noon, CT, call (608) 264-5317.

Other Reports

Agricultural Chemical Usage. 2 issues. Stock # PCU. 1 yr, \$18; 2 yrs, \$34; 3 yrs, \$51.

Field Crops: March 21. Chemical application rates and acres treated, 1993 crop, by States and U.S. for corn, soybeans, cotton, potatoes, and wheat.

Fruit: June 27. Chemical application rates and acres treated for selected fruit crops in major producing States.

Catfish Processing. 12 issues plus four issues of *Catfish Production*. Stock # PCF. 1 yr, \$31; 2 yrs, \$60; 3 yrs, \$90.

Jan 21, Feb 23, Mar 22, Apr 20, May 19, Jun 21, Jul 21, Aug 23, Sep 21, Oct 20, Nov 21, Dec 20. Processors' monthly reports on farm-raised catfish. Round weight purchased, prices paid, inventory, quantity sold, price, imports and exports.

Catfish Production: February 1, April 29, July 29, October 28. Grower inventory numbers by size groups for 15 selected States. April and October releases include data for major States (AL, AR, LA, and MS) only. The February release includes sales data for the 15 States.

Cold Storage. 12 monthly issues plus annual summary and biennial *Capacity of Refrigerated Warehouses*. Stock # PCS. 1 yr, \$33; 2 yrs, \$64; 3 yrs, \$96.

Jan 21, Feb 22, Mar 22, Apr 22, May 20, Jun 22, Jul 22, Aug 22, Sep 22, Oct 21, Nov 22, Dec 21. End-of-month stocks of meats, dairy products, poultry products, fruits, nuts, and vegetables.

Annual Summary: February 18. Regional and national totals for end-of-month holdings of meat, dairy, and poultry products, fruit and fruit products, and vegetables for 1993.

Capacity of Refrigerated Warehouses, 1993: January 31. Number of firms and capacity for national, State, and city totals, by public and private for general and apple storage.

Farm Labor. 4 issues. Stock # PFL. 1 yr, \$17; 2 yrs, \$32; 3 yrs, \$48.

February 15, May 17, August 16, November 15. Regional and national data for self-employed, unpaid, and hired workers and wage rates for the week including the 12th of the month for January, April, July, and October. Also hired worker numbers and wage rates for selected States. Selected annual average wage rates by States are published in November.

Farm Numbers and Land in Farms. Annual, July 28. Stock # ZFL-94. \$7.50.

Number of farms in operation, land in farms, and average size (acreage) of farms June 1, 1994, and revisions for 1993; individual States and U.S. totals. Sales class estimates for number of farms, land in farms and average size of farms for U.S. and selected States.

Floriculture Crops. Annual, April 5. Stock # ZFC-94. \$12.00.

Area in production, production, price and value of wholesale sales, and intentions for next year for 36 selected States and growers having \$100,000 or more in sales. Number of growers and growing area for growers with \$10,000 or more in sales. Issue covers the following crops:

Cut Flowers: Carnations, chrysanthemums, gladioli, roses, other cut flowers.

Flowering Potted Plants: African violets, chrysanthemums, finished florist azaleas, lilies, poinsettias, other potted flowering plants.

Foliage: Potted foliage, hanging baskets.

Bedding/Garden Plants: Geranium (flats), other flowering and foliage type (flats), vegetable type (flats), potted hardy/ garden mums, potted geraniums, other potted flowering and foliage type, potted vegetable type, flowering hanging baskets.

Cut Cultivated Greens: Leather leaf ferns, other cut cultivated greens.

Special Hawaiian Crops: Area in production, price, and value of sales for selected Hawaiian crops for growers with \$100,000 or more in sales.

Honey. Annual, February 18. Stock # ZHO-94. \$7.50.

Annual report of number of honey producing bee colonies, honey production, price, and value, 1993; honey stocks December 15, 1993, by State and U.S.

Mink. Annual, July 21. Stock # ZMI-94. \$7.50.

Number of mink pelts produced during the marketing year, number of females bred to produce kits, number of mink farms, average marketing price per pelt, and value of pelts produced, by major States and U.S.

Mushrooms. Annual, August 18. Stock # ZMU-94. \$9.00.

Area, production, price, and value, by variety, U.S. and selected States, utilization for U.S., July 1, 1993 - June 30, 1994, and intentions for coming year.

Trout Production. Annual, September 30. Stock # ZTP-94. \$7.50.

Number of operations, grower sales, and fish losses for selected States.

Agricultural Statistics. Annual, March. Stock # ZAG-94. \$20.

A comprehensive statistical report (approximately 600 pages) containing current and historical agricultural data, revised annually. Available through ERS-NASS starting with the 1993 issue, in March 1994.



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**This pull-out calendar shows
release dates for NASS reports.**

1994 Agricultural Statistics Board Calendar

JANUARY

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
3	4	5 Broiler Hatchery Dairy Products Poultry Slaughter	6	7
10 Egg Products	11	12 Broiler Hatchery Cotton Ginnings Crop Production - An Grain Stocks Rice Stocks Winter Wheat and Rye Seedlings	13 Turkey Hatchery	14 Milk Production Potato Stocks Turkeys
17 HOLIDAY	18 Vegetables Vegetables - Annual	19 Broiler Hatchery	20 Noncitrus Fruits and Nuts - Preliminary	21 Catfish Processing Cold Storage Livestock Slaughter
24	25 Cotton Ginnings Crop Values	26 Broiler Hatchery Peanut Stocks and Processing	27 Chickens and Eggs Layers and Egg Production - An.	28 Cattle On Feed Sheep and Goats Feed
31 Agricultural Prices Capacity of Refrigerated Warehouses				

FEBRUARY

	1 Catfish Production	2 Broiler Hatchery	3 Egg Products Poultry Slaughter	4 Cattle Dairy Products
7	8	9 Broiler Hatchery	10 Cotton Ginnings Crop Production	11
14 Potato Stocks Turkey Hatchery	15 Farm Labor	16 Broiler Hatchery Milk Production	17	18 Cattle On Feed Cold Storage - An. Honey
21 HOLIDAY	22 Cold Storage	23 Broiler Hatchery Catfish Processing	24 Chickens and Eggs	25 Livestock Slaughter
28 Agricultural Prices Peanut Stocks and Processing				

MARCH

	1	2 Broiler Hatchery	3 Poultry Slaughter	4 Dairy Products Egg Products
7	8	9 Broiler Hatchery	10 Crop Production	11 Potato Stocks
14 Livestock Slaughter - An Turkey Hatchery	15 Milk Production	16 Broiler Hatchery	17	18 Cattle On Feed Sheep and Lambs on Feed
21 Agricultural Chemical Usage - Field Crops	22 Catfish Processing Cold Storage	23 Broiler Hatchery	24 Chickens and Eggs Cotton Ginnings Hop Stocks	25 Hogs and Pigs Livestock Slaughter
28 Peanut Stocks and Processing	29 Wool and Mohair	30 Agricultural Prices Broiler Hatchery	31 Grain Stocks Prospective Plantings Rice Stocks	

JULY

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
				1 Poultry Slaughter
4 HOLIDAY	5 Crop Progress	6 Agricultural Prices - An. Broiler Hatchery Egg Products	7 Dairy Products	8 Farm Production Expenditures 1993 Noncitrus Fruits and Nuts - Annual
11 Crop Progress	12 Crop Production	13 Broiler Hatchery Turkey Hatchery	14	15 Milk Production Vegetables
18 Crop Progress	19	20 Broiler Hatchery	21 Catfish Processing Mink	22 Cattle Cattle On Feed Cold Storage Livestock Slaughter
25 Chickens and Eggs Crop Progress	26	27 Broiler Hatchery Peanut Stocks and Processing	28 Farm Numbers and Land in Farms	29 Agricultural Prices Catfish Production

AUGUST

1 Crop Progress	2	3 Broiler Hatchery Egg Products Poultry Slaughter	4	5 Dairy Products
8 Crop Progress	9	10 Broiler Hatchery	11 Cotton Ginnings Crop Production	12 Turkey Hatchery
15 Crop Progress	16 Cranberries Farm Labor Milk Production	17 Broiler Hatchery	18 Mushrooms Turkeys	19 Cattle On Feed Livestock Slaughter
22 Cold Storage Crop Progress	23 Catfish Processing	24 Broiler Hatchery Hazelnut Production - (Tent.)	25 Chickens and Eggs	26 Peanut Stocks and Processing
29 Crop Progress	30	31 Agricultural Prices Broiler Hatchery Rice Stocks		

SEPTEMBER

			1 Walnut Production - (Tent.)	2 Egg Products Poultry Slaughter
5 HOLIDAY	6 Crop Progress Dairy Products	7 Broiler Hatchery	8	9
12 Cotton Ginnings Crop Production Crop Progress	13	14 Broiler Hatchery Turkey Hatchery	15 Milk Production	16 Cattle On Feed Vegetables
19 Crop Progress	20	21 Broiler Hatchery Catfish Processing	22 Cold Storage Hop Stocks Potatoes	23 Chickens and Eggs Citrus Fruits Livestock Slaughter
26 Cotton Ginnings Crop Progress	27 Peanut Stocks and Processing	28 Broiler Hatchery	29 Grain Stocks Hogs and Pigs Small Grains Summary	30 Agricultural Prices Trout Production

				1	
4	Crop Progress Poultry Slaughter	5	Floriculture Crops	6	Broiler Hatchery Dairy Products Egg Products
11	Crop Progress Hatchery - An Production - An	12	Crop Production	13	Broiler Hatchery Potato Stocks Turkey Hatchery
18	Crop Progress	19		20	Broiler Hatchery Catfish Processing
25	Chickens and Eggs Crop Progress	26		27	Broiler Hatchery
				28	Peanut Stocks and Processing
				29	Agricultural Prices Catfish Production
				15	Milk Production Vegetables
				8	
				7	

APRIL

3	Crop Progress	4	Egg Products Poultry Slaughter	5	Broiler Hatchery Dairy Products	6		7	
10	HOLIDAY	11	Crop Progress	12	Broiler Hatchery Cotton Ginnings Crop Production	13		14	Milk Production Turkey Hatchery Vegetables
17	Crop Progress	18		19	Broiler Hatchery	20	Catfish Processing	21	Cattle On Feed Cold Storage Livestock Slaughter
24	Chickens and Eggs Crop Progress	25	Cotton Ginnings	26	Broiler Hatchery	27		28	Catfish Production Peanut Stocks and Processing
31	Agricultural Prices Crop Progress Rice Stocks								

OCTOBER

2	Crop Progress Poultry - Production and Value	3	Poultry Slaughter	4	Broiler Hatchery	5	Egg Products	6	Dairy Products Dairy Products - An.
9	Crop Progress	10	Cotton Ginnings- Annual Crop Production	11	Broiler Hatchery	12	Potato Stocks Turkey Hatchery	13	Milk - Prod., Disp., and Processing Milk Production
16	Crop Progress	17	Farm Labor	18	Broiler Hatchery	19	Catfish Processing	20	Cattle On Feed Cold Storage Livestock Slaughter
23	Crop Progress	24	Chickens and Eggs	25	Broiler Hatchery	26	Peanut Stocks and Processing	27	
30	HOLIDAY	31	Agricultural Prices Crop Progress						

MAY

1		2	Broiler Hatchery	3	Poultry Slaughter	4	Dairy Products Egg Products
7	Crop Progress	8		9	Broiler Hatchery Cotton Ginnings Crop Production	10	
14	Crop Progress	15	Farm Labor Turkey Hatchery	16	Broiler Hatchery Milk Production	17	
21	Catfish Processing Crop Progress	22	Chickens and Eggs Cold Storage	23	Broiler Hatchery Cotton Ginnings Livestock Slaughter	24	HOLIDAY
28	Crop Progress	29	Peanut Stocks and Processing	30	Agricultural Prices Broiler Hatchery		

NOVEMBER

		1	Broiler Hatchery	2	Minn.-Wis. Mfg Grade Milk Final 1991-93	3	Dairy Products Poultry Slaughter
6	Crop Progress Egg Products	7		8	Broiler Hatchery	9	Crop Production
13	Crop Progress	14	Turkey Hatchery	15	Broiler Hatchery Milk Production	16	
20	Crop Progress	21	Catfish Processing	22	Broiler Hatchery Cold Storage	23	
27	Agricultural Chemical Usage - Fruits Crop Progress	28	Almond Production (Tent.) Peanut Stocks and Processing	29	Agricultural Prices Broiler Hatchery	30	Cherry Prod (Tent.) Grain Stocks Hogs and Pigs Acreage

JUNE

5	Crop Progress	6		7	Broiler Hatchery	8		9	Cotton Ginnings Crop Production
12		13	Potato Stocks	14	Broiler Hatchery Turkey Hatchery	15	Milk Production	16	Cattle On Feed
19		20	Catfish Processing	21	Broiler Hatchery Cold Storage	22	Chickens and Eggs Cotton Ginnings Livestock Slaughter	23	
26	HOLIDAY	27		28	Broiler Hatchery Peanut Stocks and Processing	29	Hogs and Pigs	30	Agricultural Prices

DECEMBER

New Monographs from ERS-NASS

Financial Performance of U.S. Floriculture and Environmental Horticulture Farm Businesses, 1987-91, by D.C. Johnson and T.M. Johnson. 152 pp. September 1993.

Finds that the U.S. green industry (floriculture and environmental horticulture) is the fastest growing agricultural sector in grower cash receipts, with an average annual growth rate of 9 percent since 1982. Green industry crops totaled \$8.7 billion in grower cash receipts, earned 11 percent of total cash receipts for all crops, and ranked sixth in total grower cash receipts in 1991.
Stock # SB-862 \$15.00

U.S. Imports of Fruits and Vegetables Under Plant Quarantine Regulations, Fiscal Year 1991, by Catherine R. Greene and Charles S. Plummer. 52 pp. August 1993.

This report lists, by country of origin and port of entry, the volume of FY 91 imports of over 200 types of fruits and vegetables subject to APHIS plant quarantine regulations.
Stock # SB-859 \$9.00

Pesticide Use in Florida's Grapefruit Packinghouses, by John M. Love and Jean C. Buzby. 4 pp. July 1993.

USDA initiated the Pesticide Data Program in 1992 by surveying 103 Florida grapefruit packinghouses. Results showed 74 post-harvest applications, most often using imazilil, sodium orthophenylphenate, and thiabendazole. Wax, sometimes containing pesticides, was applied to 52 million cartons of Florida grapefruit, 82 percent of the grapefruit processed by the packinghouses.
Stock # SB-858 \$7.50

Federal Grade Standards for Fresh Produce: Linkages to Pesticide Use, by Nicholas J. Powers and Richard G. Heifner. 22 pp. August 1993.

Some critics contend that Federal grading of fresh produce sets unnecessarily high standards for external appearance, encouraging use of chemical pesticides by growers and packers. Although Federal grades connect buyers and sellers with information about produce quality, grades do not convey pesticide use and residue data. Modifying standards or establishing a certification program separate from grades to include pesticide information might signal consumer preference for crops containing fewer residues.
Stock # AIB-673 \$9.00

Optimal Cost-Sharing Programs To Reduce Agricultural Pollution, by Arun S. Malik and Robbin A. Shoemaker. 18 pp. June 1993.

Examines the problem of designing economically efficient cost-sharing programs which would take into account an optimal input subsidy scheme that depends on the pollution being managed, costs associated with participation constraints, and the social cost of public funds. Policy instruments, such as government cost-sharing programs, can reduce the costs of adopting less-polluting practices.
Stock TB-1820 \$9.00

Equilibrium Effects of Agricultural Technology Adoption: The Case of Induced Output Price Changes, by Margriet F. Caswell and Robbin A. Shoemaker. 24 pp. September 1993.

Pollution from agricultural activity depends on the agricultural practices or technologies that farmers use. Adoption of less polluting practices can be induced by a variety of policy instruments. The adoption decision for a

farm is based on a comparison of the relative profitability of existing technology and a new, less polluting one where the profitability of each technology depends on land quality. Governments must determine the optimal subsidy rates that will induce a level of adoption sufficient to achieve some exogenous pollution goal.

Stock # TB-1823 \$9.00

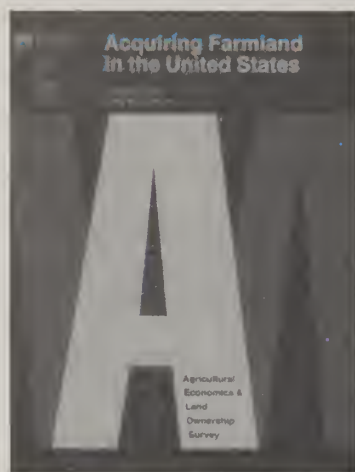
Agricultural and Water-Quality Conflicts: Economic Dimensions of the Problem, by Steve Crutchfield, LeRoy Hansen, and Marc Ribaud. 18 pp. July 1993.

Summarizes conflicts between agricultural production and water quality, and discusses policies that stress the use of economic and technical assistance incentives to encourage adoption of pollution-reducing farm practices. The report also focuses on the potential for farm chemicals to leach into ground water and, through runoff, to infiltrate drinking water supplies and wetlands.
Stock # AIB-676 \$9.00

The Changing Concentration of U.S. Agricultural Production During the 20th Century: 14th Annual Report to the Congress on the Status of the Family Farm, by R. Neal Peterson and Nora L. Brooks. 14 pp. July 1993.

Shows that a decreasing share of all farms accounted for a greater share of farm production during 1900-87, reflecting the growing concentration of U.S. agriculture. The degree of concentration is not uniform, however, as farms in the western Corn Belt and northern Plains are less dissimilar in terms of acreage and value of output than are farms in the western, east coast, and Sun Belt regions.
Stock # AIB-671 \$9.00

More New Monographs from ERS-NASS



Structural Models and Automated Alternatives for Forecasting Farmland Prices, by Karl Gertel and Linda Atkinson. 22 pp. September 1993.

This report compares the accuracy of forecasts of farmland prices from a structural model estimated by ordinary least squares with forecasts generated from available packages.

Stock # TB-1824 \$9.00

Ethanol Production and Employment, by Mindy Petrulis, Judith Sommer, and Fred Hines. 9 pp. July 1993.

Finds that increased U.S. production of ethanol could create 28,000-108,000 new jobs by the year 2000, mainly in the rural Midwest where most of the Nation's corn is grown. Small communities elsewhere can benefit through biomass technologies that can distill ethanol from energy crops, agricultural residues, and organic municipal waste.

Stock # AIB-678 \$7.50

Ethanol Production, Corn Gluten Feed, and EC Trade, by Margot Anderson. 12 pp. July 1993.

The profitability of ethanol depends not only on sales of ethanol but on sales of several co-products of corn wet-milling such as corn gluten feed (CGF). The policy changes examined in this report include the effect of proposed changes in EC farm and trade policies and the effect of increased ethanol production due to proposed U.S. environmental

policies, such as the reauthorization of the Clean Air Act.

Stock # AIB-677 \$7.50

Acquiring Farmland in the United States, by Denise Rogers and Gene Wunderlich. 10 pp. September 1993.

This report, based on data from the 1988 Agricultural Economics and Land Ownership Survey, finds that farmland owners acquired 18 percent of their farmland by purchase from a nonrelative. They purchased another 18 percent from relatives.

Stock # AIB-682 \$7.50

Taxes on U.S. Agricultural Real Estate, 1890-1991, and Methods of Estimation, by J. Peter DeBraal. 33 pp. September 1993.

Provides State-level estimates of agricultural real estate taxes since 1890, including average taxes per acre for 1890-1991, and total taxes and taxes per \$100 of full market value for 1909-91. Also explains the methods used by USDA for obtaining and estimating the data.

Stock # SB-866 \$9.00

U.S. and State Farm Sector Financial Ratios, 1960-91, by Kenneth Erickson and others. 115 pp. June 1993.

Presents national- and State-level estimates of liquidity, efficiency, solvency, and profitability ratios. The level of farm debt as a percentage of farm equity was down in 1991 compared with the 1980's, rates of return on farm assets were up, the sector was using its resources more efficiently, and farmers could more easily repay their debts out of income without having to dip into savings or go further into debt.

Stock # SB-857 \$15.00

Agricultural Outlook: Farm Sector Statistics, 1962-91. 55 pp. September 1993.

Thirty-two tables summarize 30 years of useful statistics from ERS' popular *Agricultural Outlook*: U.S. gross domestic product; foreign economic growth; index of prices received and paid by

farmers; consumer and producer price indexes; price spreads and marketing costs; U.S. meat, egg, and milk supply and use; and more.

Stock # AGO-931 \$9.00

Forecasting Farm Income: Documenting USDA's Economic Model, by Robert Dubman, Robert McElroy, and Charles Dodson. 48 pp. August 1993.

Net cash and net farm income are the principal measures of the U.S. farm sector's finances and are a major component of the National Income and Product Accounts of the U.S. Department of Commerce. USDA's farm income forecasting model is an accounting model for forecasting crop and livestock receipts for 32 individual commodities, government program payments for each program commodity, and expenses for 21 inputs, such as feed, seed, fertilizer, interest, and labor. This report describes the components and equations in the model.

Stock # TB-1825 \$9.00

Health Status and Use of Health Care Services by the Older Population: A Residential Comparison, by Carolyn C. Rogers. 51 pp. September 1993.

Uses data from the 1984 Supplement on Aging to the National Health Interview Survey to describe the magnitude of differences in health status and use of health care services by the older population, by place of residence. Health status of elderly persons differs by residential location, with a higher proportion (35 percent) of nonmetro elders reporting their health as fair or poor compared with metro elders (29 percent).

Stock # RDRR-86 \$9.00

U.S.-State Agricultural Data, by Letricia M. Womack. 112 pp. September 1993.

Presents national and State data on population, land use, agricultural production, farm income, value of assets of farms, and selected characteristics of farms, such as size, tenure, and farm organization, mostly for 1991.

Stock # SB-865 \$12.00

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Stock # YCON-94. \$20.00

Farm Operating and Financial Characteristics, 1990, by Susan E. Bentley. 161 pp. August 1993.

Presents operating and financial characteristics, including farm business income, expenses, assets, and liabilities, by farm size, region, production specialty, tenure, farm organization, and selected operator characteristics. An estimated 1.8 million farm operations in the 1990 Farm Costs and Returns Survey operated about 1 billion acres of land, averaging about 588 acres per farm.

Stock # SB-860 \$15.00

Market-Oriented Agriculture: The Declining Role of Government Commodity Programs in Agricultural Production Decisions, by Paul C. Westcott. 7 pp. June 1993.

Illustrates how agricultural supply has moved toward greater reliance on market forces by examining the declining role of government commodity programs in production decisions for corn, wheat, rice, and upland cotton. The portion of U.S. agricultural production covered by government income support

payments has declined over the span of the past two 5-year farm acts. Consequently, nongovernmental supply and demand factors (market forces) are becoming more important in influencing farmers' production decisions.

Stock # AER-671 \$7.50

A Model of Participation in U.S. Farm Programs, by Robbin A. Shoemaker. 30 pp. August 1993.

This report features a general equilibrium model of the U.S. farm and non-farm sectors which estimates the effectiveness and economic consequences of farm policy options.

Stock TB-1819 \$9.00

Agricultural Statistics of the Former USSR Republics and the Baltic States, by Jaclyn Y. Shend. 239 pp. September 1993.

This bulletin's 259 tables cover land use, farm structure, population and labor force, inventories, deliveries and scrapping rates of farm machinery, availability and use of mineral fertilizers, per capita annual consumption of selected food products, and area, yield, production, and procurement of selected crops.

Stock # SB-863 \$15.00

Agricultural Policy Reform: Issues and Implications for Africa, ed. by Stacey Rosen. 135 pp. September 1993.

Examines the pattern of government intervention in the agricultural markets of nine African nations during 1982-89: Egypt, Kenya, Morocco, Nigeria, Senegal, South Africa, Tanzania, Zambia, and Zimbabwe. A chapter on each nation provides background of the economy and agricultural sector, a review of policies, and estimated producer and consumer subsidy equivalents for selected commodities.

Stock # FAER-250 \$15.00

Grocery Retailing Concentration in Metropolitan Areas, 1954-82, by Philip R. Kaufman, Doris J. Newton, and Charles R. Handy. 47 pp. August 1993.

Finds that grocery retailing concentration in U.S. cities increased on average in 1982, continuing a long-term trend. Metro areas accounted for more than three-fourths of U.S. grocery store sales in 1982, compared with two-thirds of total sales in 1954. The results were obtained from a special tabulation of the 1982 Census of Retail Trade, previously unpublished.

TB-1817 \$9.00

Food Consumption, Prices, and Expenditures, 1970-92, by Judith Jones Putnam and Jane E. Allshouse. 145 pp. September 1993.

This annual bestseller presents historical data on food consumption, prices, and expenditures, and U.S. income and population. Americans ate about 63 pounds of beef, 50 pounds of pork, 46 pounds of chicken, 15 pounds of fish and shellfish, 14 pounds of turkey, and about 1 pound each of lamb and veal in 1992.

Stock # SB-867 \$15.00

Food Cost Review, 1992, by Denis Dunham. 46 pp. September 1993.

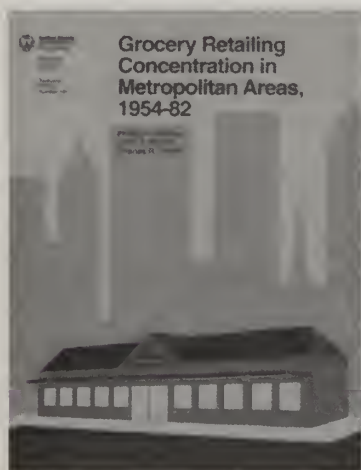
Finds that food prices, as measured by the Consumer Price Index, increased 1.2 percent in 1992, less than half the 1991 increase and the least since 1967. Higher costs for processing and distribution mainly accounted for the rise in 1992. The prices farmers received for commodities, as measured by the farm value of USDA's market basket of foods, declined 2.5 percent.

Stock # AER-672 \$9.00

A Complete System of U.S. Demand for Food, by Kuo S. Huang. 69 pp. September 1993.

Describes a complete U.S. food demand system of 39 food categories and 1 non-food sector estimated by using annual data from 1953 to 1990. The estimates of price and expenditure (income) elasticities and time trends provide information that yields a better understanding of the interdependent nature of food demands.

Stock # TB-1821 \$12.00



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Here and on the pages that follow is a complete listing of all other monographs currently available from the ERS-NASS order desk. Please order by stock number using the order form on pages 23-24. Or call our order desk toll-free at 1-800-999-6779 (8:30-5:00 Eastern Time, in the United States and Canada) and charge your purchase to your VISA or MasterCard. Other areas, please call 703-834-0125. ERS-NASS has no copies for free distribution.

Banking and Farm Credit

Profit Efficiency of Farm Credit System Associations. 15 pp. November 1991. Stock # AGES 9155. \$7.50. A technical investigation of the viability and efficiency of FCS direct-lending associations.

Recent Developments at the Farm Credit System. 16 pp. September 1989. Stock # AIB-572. \$7.50. Outlines the recent financial position of the FCS and a number of factors likely to contribute to, or impede, its recuperation.

Banking and Farm Credit, PKG-11. Includes next three listings: *Nonmetro, Metro, and U.S. Bank-Operating Statistics, 1987-89* AND *Deregulation and Structure of Rural Financial Markets* AND *Prospective Rural Effects of Bank Deregulation*. Stock # PKG-11. \$22.00.

Nonmetro, Metro, and U.S. Bank-Operating Statistics, 1987-89. 145 pp. March 1991. Stock # SB-823. \$15.00. Presents and analyzes weighted and unweighted mean-operating statistics for nonmetro, metro, and all U.S. banks for 1987-89.

Deregulation and Structure of Rural Financial Markets. 50 pp. February 1990. Stock # RDRR-75. \$9.00. Examines the structure of rural bank markets, determines how this structure changed during the 1980's, and discusses probable scenarios for the future of the rural banking system.

Prospective Rural Effects of Bank Deregulation. 56 pp. March 1990. Stock # RDRR-76. \$12.00. Focuses on rural implications of the expansion of commercial banks into investment banking and addresses provisions in the legislation.

Modeling Long-Term Government Bond Yields: An Efficient Market Approach. 13 pp. March 1992. Stock # AGES 9207. \$7.50. Constructs a model for generating forecasts of T-bond rates that can be used to predict specific agricultural long-term interest rates.

An Analysis of the Recent Surge in Consumer Debt in Rural Areas, by Donald Lerman. 40 pp. April 1990. Stock # AGES 9030. \$9.00. Examines the surge in consumer debt of rural households using household-level survey data.

An Analysis of Financial Performance of Federal Land Banks, Federal Intermediate Credit Banks, Farm Credit Banks, and Related Associations, 1986-89. 24 pp. April 1991. Stock # AGES 9117. \$9.00. Finds the Farm Credit System experienced unprecedented distress and change during the 1980's, but saw substantial though unevenly distributed improvements in most areas by 1986-89.

An Examination of Federal Reserve Behavior: An Applied Reaction Function Approach. 36 pp. April 1990. Stock # AGES 9029. \$9.00. Investigates the factors that have influenced Federal Reserve policy and, ultimately, bank interest rates.

Rural Conditions and Trends Special Report: Financial Institutions and Markets. 29 pp. Spring 1991. Stock # RCAT, Supplement-1. \$9.00. A look at the health of the financial institutions serving rural America.

Commodities

Leading Commodity Cash Receipts, 1960-87. 132 pp. March 1989. Stock # SB-777. \$15.00. Presents data on cash receipts for 25 leading commodities by State to reflect production and sales of each commodity in each State.

Ranking of States and Commodities by Cash Receipts, 1991. 90 pp. November 1992. Stock # SB-848. \$12.00. Identifies the 25 leading agricultural commodities produced nationally and in each State, ranked by the value of cash receipts. The major producing States for each commodity and for several major commodity groups are also identified.

Commodity Background Papers PKG-6. Includes all ERS commodity background papers. Each report summarizes in nontechnical form the experience with various farm programs and the key characteristics of the commodities and the farm industries which produce them. Titles you will receive: *U.S. Feed Grains, Food Grains, Soybeans and Peanuts, Cotton, Wool and Mohair, Honey, Tobacco, Dairy, Sugar, and Agricultural Export Programs*. Stock # PKG-6. \$45.00.

Ranking of States and Commodities by Cash Receipts, 1990. 89 pp. November 1991. Stock # SB-832. \$12.00. Lists the top 25 commodities for each State as well as for the Nation, in terms of value of receipts.

Approaches to Modeling Retail-Farm Price Spreads and Derived Demand Relationships for Food Commodities: A Selected, Annotated Bibliography. 35 pp. July 1991. Stock # AGES 9136. \$9.00. Reviews 88 theoretical and empirical studies that focus on various aspects related to modeling the economic linkage between retail demand and farm-level demand for food commodities and related inputs.

Field Crops

U.S. Average Costs of Production for Major Field Crops. 15 pp. December 1991. Stock # AIB-639. \$7.50. Finds that costs of production for most commodities increased only modestly from 1989 to 1990. Cotton rose the most, at 6 percent, while wheat, oats, and barley were relatively stable.

State-Level Costs of Production: Major Field Crops, 1987-89. 129 pp. May 1992. Stock # SB-838. \$15.00. Includes data on production cash costs and returns per planted acre, production economic costs and returns per planted acre, and average machinery use per planted acre by state for barley, corn, cotton, oats, peanuts, rice, grain sorghum, soybeans, and wheat.

Where Major U.S. Crops Are Grown. 16 pp. December 1992. Stock # FARM-92. \$7.50. This series of maps depicts U.S. crops (corn, soybeans, cotton, wheat, rice, peanuts, and tobacco) and the U.S. regions where their production is concentrated.

Field Crops: Final Estimates, 1982-87. 84 pp. February 1990. Stock # SB-793. \$12.00.

Stocks of Grains, Oilseeds and Hay: Final Estimates, 1983-88. 72 pp. February 1990. Stock # SB-794. \$12.00.

Rice Stocks: Final Estimates, 1978-88. 32 pp. February 1990. Stock # SB-795. \$9.00.

Crop Values: Final Estimates, 1982-87. 32 pp. September 1990. Stock # SB-818. \$12.00.

U.S. Rice Distribution Patterns, 1988/89. 48 pp. April 1992. Stock # SB-836. \$9.00. Detailed data on domestic rice shipments and distribution.

Characteristics and Production Costs of U.S. Rice Farms, 1988. 20 pp. October 1992. Stock # AIB-657. \$7.50. Compares selected farm characteristics and production costs among rice producers grouped by variable costs, enterprise size, and production region.

U.S. Rice Production Practices and Costs, 1988. 64 pp. May 1992. Stock # SB-837. \$12.00. Surveys U.S. rice growers in six major producing areas to gather data on seedling, fertilization, pesticides, irrigation, trucks and tractors, field operations on planted acreage and set-aside acreage, and drying.

Characteristics and Production Costs of U.S. Grain Sorghum Farms, 1990. 19 pp. February 1993. Stock # AIB-661. \$9.00. Discusses U.S. production of 573 million bushels of grain sorghum on 9.1 million acres in 1990.

Representative U.S. Corn Farms, 1987. 60 pp. April 1991. Stock # SB-820. \$12.00. Discusses differences in the organization and financial structure of U.S. corn farms in major producing States and in small, mid-sized, and large corn farms in three regions in 1987.

Financial Performance of Specialized Corn-Soybean Farms, 1987. 12 pp. January 1990. Stock # AIB-583. \$7.50. Finds that specialized corn-soybean farms fared better financially in 1987 than most other specialized commodity farms.

Optimal Futures Positions for Corn and Soybean Growers Facing Price and Yield Risk. 48 pp. March 1989. Stock # TB-1751. \$9.00. Presents a model of futures trading for crop producers with random yields.

Characteristics and Production Costs of U.S. Soybean Farms, 1986. 21 pp. April 1991. Stock # AIB-623. \$9.00. Compares selected characteristics and costs of production among soybean producers.

Soybeans, PKG-14. Includes *Financial Performance of Specialized Corn-Soybean Farms, 1987* and *Characteristics and Production Costs of U.S. Soybean Farms, 1986*. Stock # PKG-14. \$12.00.

Characteristics and Production Costs of U.S. Soybean Farms, 1988. 20 pp. October 1992. Stock # AIB-658. \$7.50. Compares selected farm characteristics and production costs among soybean growers grouped by variable costs, enterprise size, and production region.

The U.S. Sunflower Industry. 58 pp. October 1992. Stock # AER-663. \$12.00. This report describes the U.S. sunflowerseed industry and furnishes a single source of economic and statistical information on sunflowers.

Wheat, PKG-13. Includes *Representative U.S. Wheat Farms* and *Evaluation of Export Enhancement, Dollar Depreciation, and Loan Rate Reduction for Wheat*. Stock # PKG-13. \$14.00.

Representative U.S. Wheat Farms. 71 pp. January 1990. Stock # SB-786. \$12.00. Gives average organizational and financial characteristics of representative farms, by size, in 12 States.

State-Level Wheat Statistics, 1949-88. 96 pp. March 1989. Stock # SB-779. \$12.00. Provides State-level data on production levels and trends for all wheat, winter wheat, durum wheat, and other spring wheat for 1949-88.

The Wheat Program in the 1990's: Issues for Decision-makers. 16 pp. June 1990. Stock # AIB-606. \$7.50. Describes the evolution of U.S. wheat policy and major wheat program issues of the 1990's.

The U.S. Milling and Baking Industries. 74 pp. December 1989. Stock # AER-611. \$12.00. Describes the milling and baking industries' structure, conduct, and performance, and examines current trends.

Effects of Railroad Deregulation on Grain Transportation. 52 pp. June 1989. Stock # TB-1759. \$9.00. Looks at how shippers now benefit from increased competition among railroads and from reductions in rail costs.

Cotton Ginning Charges, Harvesting Practices, and Selected Marketing Costs, 1991/92 Season. 4 pp. January 1993. Stock # SB-852. \$6.00. This brief statistical review finds that the average charge for saw-ginning and wrapping a 480-pound net-weight bale of cotton was \$42.61 during the 1991/92 season.

Cotton Production and Water Quality: An Initial Assessment. 28 pp. February 1991. Stock # AGES 9105. \$9.00. Shows that current cotton practices potentially allow nitrates to leach into ground water and pesticides to drain into surface water.

Cotton Production Costs Vary Widely by Region, Yield, and Operation Size. 11 pp. January 1991. Stock # AIB-617. \$7.50. Describes the cost of producing cotton in 1987 to see how yield, size, irrigation and other inputs, land tenure, and producer age and education affected cotton production costs among and within regions.

Cotton Agricultural Chemical Use and Farming Practices in 1989: An Overview of Survey Results. 17 pp. December 1990. Stock # AGES 9076. \$7.50. Summarizes current cotton production practices regarding pesticide and fertilizer use, pest management practices, soil conservation and tillage practices, water use, and characteristics of cotton producers.

Consumer Demand Analysis When Zero Consumption Occurs: The Case of Cigarettes. 21 pp. September 1991. Stock # TB-1792. \$9.00. Uses cigarettes as an example of a commodity whose characteristics must be well understood by analysts conducting surveys of household purchases. Zero use of a product could mean an individual never uses a product, or the survey period was too short, for example.

Characteristics of Burley Tobacco Farms. 11 pp. September 1991. Stock # AIB-633. \$7.50. Burley tobacco is the second most important kind of tobacco grown in the United States. This report examines structure and characteristics of burley tobacco farming in Kentucky and Tennessee using data from the 1989 Farm Costs and Returns Survey.

Flue-Cured Tobacco Farms: Selected Characteristics. 29 pp. December 1991. Stock # AER-653. \$9.00. Examines changes in the structure of flue-cured tobacco production in Florida, Georgia, North and South Carolina, and Virginia.

U.S. Sugar Statistical Compendium. 136 pp. August 1991. Stock # SB-830. \$15.00. Contains time-series data designed for use in monitoring and analyzing current developments and trends in the U.S. sugar industry, 1970-90.

Sugar and Corn Sweetener: Changing Demand and Trade in Mexico, Canada, and the United States. 12 pp. April 1993. Stock # AIB-655. \$6.00. A look at the trade flows for sugar and high-fructose corn sweetener (HFCS) among Mexico, Canada, and the United States.

U.S. Potato Statistics, 1949-89. 140 pp. August 1991. Stock # SB-829. \$15.00. Presents detailed statistics on potatoes for 49 States and the Nation since 1949. Also includes world acreage and production since 1961.

Potatoes and Sweetpotatoes: Final Estimates, 1982-87. 42 pp. February 1990. Stock # SB-799. \$9.00.

Livestock, Poultry, Dairy

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Costs of Producing U.S. Livestock, 1972-87: Estimating and Methodology Update. 98 pp. April 1990. Stock # AER-632. \$12.00. Presents a way to make a consistent set of cost and returns estimates for U.S. livestock production in 1972-87, a period in which there were data gaps and in which many estimating methods and formats were used.

Cattle Feeding, 1962-89: Location and Feedlot Size. 60 pp. April 1991. Stock # AER-642. \$12.00. Finds that four Plains States marketed over 70 percent of the 22,955,000 head of cattle fed in 13 cattle-feeding States in 1989.

Cow-Calf Costs of Production, 1990-91. 24 pp. May 1993. Stock # AIB-670. \$9.00. Finds that net returns after both cash and economic costs improved for cow/calf producers in 1990 and 1991.

Changes in the Red Meat and Poultry Industries: Their Effect on Nonmetro Employment. 24 pp. March 1993. Stock # AER-665. \$9.00. Explores growth in the red meat and poultry industries and how it will affect employment in nonmetro America.

The Beef Cow-Calf Industry, 1964-87: Location and Size. 50 pp. June 1992. Stock # AER-659. \$9.00. Analyzes the changing structure of the subsector, impediments to structural

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change and cost reduction, and basic characteristics of the sector compared with the poultry and pork industries.

Cattle: Final Estimates, 1984-88. 68 pp. February 1990. Stock # SB-798. \$12.00.

Quarterly Forecasting of Meat Retail Prices: A Vector Autoregression Approach. 20 pp. June 1989. Stock # AGES 8927. \$7.50. Uses vector autoregression models to forecast five meat and fish Consumer Price Indexes.

Reevaluation of the Beef Carcass-to-Retail Weight Conversion Factor. 44 pp. October 1989. Stock # AER-623. \$9.00. Develops a new method for evaluating the conversion factor used for changing beef carcass weight data to retail weight.

Choice Beef Prices and Price Spreads Series: Methodology and Revisions. 52 pp. February 1991. Stock # AGES 9106. \$9.00. Presents a revised ERS methodology for calculating Choice retail, wholesale, and live beef values and the resulting series of price spreads.

Beefpacking and Processing Plants: Computer-Assisted Cost Analysis. 71 pp. April 1991. Stock # AGES 9115. \$12.00. Presents a computer program that simulates, in considerable detail, beefpacking plant costs.

Meat Animals, Production, Disposition, and Income: Final Estimates, 1983-87. 37 pp. April 1990. Stock # SB-805. \$9.00.

U.S. Egg and Poultry Statistical Series, 1960-90. 254 pp. December 1991. Stock # SB-833. \$15.00. Data on eggs, broilers, and turkeys cover indicators of production, stocks, trade, per capita consumption, costs of production, farm prices, wholesale prices, and retail prices.

Poultry Production and Value: Final Estimates, 1984-87. 25 pp. April 1990. Stock # SB-806. \$9.00.

An Evaluation of Fluid Milk and Cheese Advertising. 36 pp. February 1993. Stock # TB-1815. \$9.00. Finds that increased spending on advertising boosted fluid milk sales by 5 percent (about 7.5 billion pounds) during September 1984-September 1991.

Costs of Producing Milk, 1989 and 1990. 20 pp. August 1992. Stock # AIB-653. \$7.50. Finds that the total economic cost of producing milk in the United States was \$14.74 per cwt of milk in 1989 and \$14.98 in 1990.

Estimates of the Costs of Producing Milk in Seven Major Milk-Producing Countries, 1986. 16 pp. August 1990. Stock # AGES 9056. \$7.50. Looks at costs of producing milk in Canada, West Germany, France, Ireland, the Netherlands, New Zealand, and the United States.

Milk: Final Estimates, 1983-87. 64 pp. February 1990. Stock # SB-802. \$12.00.

The U.S. Sheep Industry. 52 pp. July 1990. Stock # AGES 9048. \$9.00. Focuses on production of lamb and lamb products, returns in the sheep industry, demand, and marketing trends.

Sheep Production in 11 Western States. 37 pp. September 1991. Stock # AGES 9150. \$9.00. Summarizes results of the 1986 Farm Costs and Returns Survey of sheep producers. Net cash returns for U.S. sheep producers remained positive for the 18th consecutive year starting in 1972.

Financial Performance of Specialized Hog Farms. 12 pp. December 1989. Stock # AIB-578. \$7.50. Finds that specialized hog farms had more favorable financial conditions in 1987 than most other commodity specialty farms.

Hogs and Pigs: Final Estimates, 1983-87. 32 pp. February 1990. Stock # SB-797. \$9.00.

Sheep and Goats: Final Estimates, 1984-88. 25 pp. January 1990. Stock # SB-800. \$9.00.

Chickens and Eggs: Final Estimates, 1984-87. 73 pp. December 1989. Stock # SB-801. \$12.00.

Costs of Production

How Costs of Production Vary. 20 pp. May 1990. Stock # AIB-599. \$7.50. Analyzes groups of producers at various cost levels and shows that costs of producing crops per unit of output vary considerably by farm.

State-Level Costs of Production, 1987. 88 pp. March 1989. Stock # AGES 8913. \$12.00. State estimates in the 158 tables in this report cover data on major field crops (except sugar crops).

The following reports present State-level commodity production costs and returns estimates for 1986-88:

Peanuts: State-Level Costs of Production, 1986-88. 24 pp. September 1990. Stock # AGES 9063. \$9.00.

Cotton: State-Level Costs of Production, 1986-88. 27 pp. September 1990. Stock # AGES 9061. \$9.00.

Corn: State-Level Costs of Production, 1986-88. 35 pp. June 1990. Stock # AGES 9045. \$9.00.

Barley: State-Level Costs of Production, 1986-88. 26 pp. June 1990. Stock # AGES 9046. \$9.00.

Costs of Production, PKG-15. Includes *Peanuts: State-Level Costs of Production, 1986-88* and *Cotton: State-Level Costs of Production, 1986-88* and *Corn: State-Level Costs of Production, 1986-88*. PLUS *Barley: State-Level Costs of Production, 1986-88*. Stock # PKG-15. \$24.00.

Fruit and Vegetables

Costs of Producing Grapefruit in California and Florida, 1988/89. 7 pp. July 1991. Stock # AER-652. \$7.50. Based on a March 1990 survey, total costs were \$6.82 for producing a 64-pound box of grapefruit in California and \$5.00 for an 85-pound box in Florida.

Costs of Producing Oranges in California and Florida, 1988/89. 8 pp. June 1991. Stock # AER-650. \$7.50. Based on a March 1990 survey, total costs were \$7.29 for producing a 75-pound box of oranges in California and \$7.48 for a 90-pound box of oranges in Florida.

Bibliography of Economic Reports on the Production and Marketing of Fruits and Vegetables, 1981-89. 71 pp. September 1990. Stock # BLA-102. \$12.00. Lists research publications that deal with the economics of fruits and vegetables published from January 1981 to June 1989.

U.S. Tomato Statistics, 1960-90. 119 pp. August 1992. Stock # SB-841. \$15.00. Features national and State data on tomato acreage, yield, production, value, prices, exports, imports, world output, and costs of production.

The U.S. Watermelon Industry. 73 pp. March 1990. Stock # AGES 9015. \$12.00. Reviews supply and utilization trends, prices, transportation, packaging, marketing, cash receipts, and costs of producing watermelons.

Integrated Pest Management (IPM) in the Vegetable Industry During the 1980's. 19 pp. February 1991. Stock # AGES 9107. \$9.00. Examines the funding and adoption of IPM programs for vegetable crops, using statistics based on annual State-level Extension Service reports.

Floriculture and Environmental Horticulture Products: A Production and Marketing Statistical Review, 1960-88. 245 pp. September 1990. Stock # SB-817. \$15.00. Provides statistical information on the production, marketing, and trade of floral, nursery, and related products of the greenhouse and nursery industry in the United States and the world.

Noncitrus Fruits: Final Estimates, 1982-87. 96 pp. May 1990. Stock # SB-809. \$12.00.

Citrus Fruits: Final Estimates, 1981-82 Crop Through 1986-87 Crop. 24 pp. February 1990. Stock # SB-796. \$9.00.

Farm Programs

Toward an Analysis of the Farmers Home Administration's Direct and Guaranteed Farm Loan Programs. 33 pp. April 1991. Stock # AGES 9116. \$9.00. Examines whether the credit delivery mode affects the number and kinds of borrowers receiving FmHA assistance and thus rural credit markets.

The Distribution of Farm Program Payments, 1987. 11 pp. June 1990. Stock # AIB-607. \$7.50. Shows which groups of farms received Government program payments in 1987, and in what amount and proportion.

Profile of Participants in FmHA's Guaranteed Farm Loan Programs. 48 pp. December 1991. Stock # AGES 9160. \$9.00. Establishes a baseline of information about the operation of the guaranteed loan programs before the advent of the federally sponsored secondary market for such loan guarantees.

Program Provisions for Rye, Dry Edible Beans, Oil Crops, Tobacco, Sugar, Honey, Wool, Mohair, Gum Naval Stores, and Dairy Products: A Database for 1961-90. 55 pp. June 1991. Stock # AGES 9128. \$12.00. Summarizes the legislative authority for commodity support programs and gives program-provision data in tables for listed commodities.

Crops, Livestock, and Farm Programs: Overlooked Interactions. 64 pp. September 1990. Stock # AER-638. \$12.00. Examines how shifts in consumer and importer demand, resource supply, technology, capital accumulation, or farm programs affect different enterprises in ways often not anticipated by policy advisors.

An Economic Assessment of the Freeze on Program Yields. 26 pp. December 1990. Stock # AGES 9066. \$9.00. Finds that the freeze on program payment yields under the Food Security Act of 1985 apparently reduced use of variable inputs in wheat production while raising market prices and net returns.

Effects of Government Programs on Rice Production Costs and Returns. 12 pp. March 1990. Stock # AIB-597. \$7.50. This analysis, the first of its kind to show direct effects of Government programs, finds gross returns, production costs, and net returns to be higher when Government payments are included in the costs/returns calculations.

Profile of Farms Benefiting from the 1982 Farm Commodity Programs. 72 pp. September 1989. Stock # AGES 8932. \$12.00. Looks at the 1982 and 1986 commodity support programs and program beneficiaries' characteristics.

Program Provisions for Program Crops: A Database for 1961-90. 113 pp. March 1990. Stock # AGES 9010. \$12.00. Looks at legislation that provided the foundation for commodity support programs and highlights legislation that revised and supplemented the basic structure of these programs.

U.S. Farm Programs and Agricultural Resources. 12 pp. September 1990. Stock # AIB-614. \$7.50. Finds that U.S. agricultural programs have a greater effect on land and other farm inputs than on commodity production.

Federal Crop Insurance and the 1990 Farm Bill: An Assessment of Program Options. 38 pp. September 1989. Stock # AGES 8945. \$9.00. Examines how the program and alternatives affect market prices, commodity market participation, producer revenues, and the Federal budget.

An Alternative for Reducing Federal Crop Insurance Program Losses. 28 pp. May 1993. Stock # AER-668. \$9.00. Describes an alternative crop insurance program with payments based on yield losses in a geographic area rather than those experienced by individual producers, which may help reduce excess losses.

Participation in the U.S. Federal Crop Insurance Program. 9 pp. June 1992. Stock # TB-1800. \$7.50. Examines why farmers participate in the Federal multiple peril crop insurance program.

The Disaster Assistance Act of 1989: A Description of the Provisions. 19 pp. November 1989. Stock # AGES 8959. \$7.50. Summarizes provisions of the Disaster Assistance Act of 1989 (P.L. 101-82) which provided assistance to crop and livestock producers who suffered harvest losses from natural disasters in 1988 and 1989.

U.S. Milk Markets Under Alternative Federal Order Pricing Policies. 31 pp. November 1990. Stock # AGES 9068. \$9.00. Compares U.S. milk markets under 1988 provisions against three alternative policies using an interregional trade model comprising 15 regions.

Economic Effects of Mandatory Production Controls. 36 pp. March 1989. Stock # AER-595. \$9.00. Finds that a mandatory production control program using acreage allotments to increase commodity prices to 80 percent of parity will increase aggregate net farm income by slightly less than \$80 billion over 5 years.

Federal Marketing Orders for Fruits, Vegetables, Nuts, and Specialty Crops. 34 pp. March 1990. Stock # AER-629. \$9.00. Explains why there is a Federal marketing order for horticultural crops, its development and operation, and its effect on market participants.

Federal Marketing Orders for Horticultural Crops. 16 pp. March 1990. Stock # AIB-590. \$7.50. Describes the purpose of horticultural marketing orders and their effects on growers, marketers, input suppliers, food processors, and consumers.

Farmworkers and Farm Employment

The Farm Entrepreneurial Population, 1988-90. 33 pp. February 1993. Stock # RDRR-84. \$9.00. This report analyzes census data on income, education, and other characteristics of the farm entrepreneurial group.

Changes in Farm and Farm-Related Employment, 1975-89. 30 pp. April 1993. Stock # RDRR-85. \$9.00. Finds that farm and farm-related employment rose by 5.1 million jobs during 1975-89, but most of the growth was in off-farm agricultural wholesale and retail trade.

Farm Employment and Wage Rates, 1910-1990. 217 pp. March 1991. Stock # SB-822. \$15.00. Combines selected farm labor estimates from 1910-90 into a single reference. Includes a history of the farm labor data series.

Hired and Contract Labor in U.S. Agriculture, 1987: A Regional Assessment of Structure. 20 pp. May 1991. Stock # AER-648. \$9.00. Finds that U.S. farmers spent almost \$13 billion on hired and contract labor in 1987, about 12 percent of total farm production expenses.

Trends in the Hired Farm Working Force, 1945-87. 16 pp. April 1989. Stock # AIB-561. \$7.50. Examines factors behind the historical trends in the size and composition of the hired farm workforce.

The Agricultural Work Force of 1987: A Statistical Profile. 40 pp. May 1989. Stock # AER-609. \$9.00. Discusses the demographic, employment, and regional characteristics of the agricultural work force, including hired farmworkers, farm operators, and unpaid farmworkers.

A Profile of Hired Farmworkers, 1990 Annual Averages. 10 pp. February 1992. Stock # AER-658. \$7.50. Examines demographic and employment characteristics of hired farmworkers using data from the Current Population Survey earnings microdata file.

U.S. Farm and Farm-Related Employment in 1988: How Large, Important, and Regionally Different? 12 pp. December 1991. Stock # AIB-634. \$7.50. Finds that farm and farm-related employment was 18 percent (23 million jobs) of total U.S. employment in 1988, using a broad definition of the agricultural sector.

U.S. Farm and Farm-Related Employment in 1989: Where Are Jobs in Farming and Its Related Industries Most Important? 10 pp. January 1993. Stock # AIB-654. \$6.00. Includes estimates of farm production jobs, agricultural service employment, and farm and farm-related employment statistics.

Employment Trends in Farm and Farm-Related Industries, 1975-87. 39 pp. April 1991. **Stock # AGES 9121. \$9.00.** Shows that agricultural production jobs have declined, some farm-related industries have declined or remained stable, and other industries that process, market, and sell agricultural products have seen employment growth.

A Summary of Federal Laws and Regulations Affecting Agricultural Employers, 1992. 30 pp. August 1992. **Stock # AIB-652. \$9.00.** Updating a popular 1989 publication, this report is a single-source reference that summarizes Federal laws and regulations governing employment, taxes, wages, and working conditions of agricultural workers. Includes an expanded section on agricultural employers' Federal safety and tax requirements and a new section on Federal equal opportunity guidelines.

Will Immigration Reform Affect The Economic Competitiveness of Labor-Intensive Crops? 28 pp. May 1991. **Stock # AGES 9126. \$9.00.** Identifies U.S. producers of labor-intensive crops most likely to be exposed to more competition if immigration reform increases their labor costs.

Alternative Definitions of Farm People. 36 pp. March 1989. **Stock # AGES 899. \$9.00.** Notes differences among farm population definitions by residence, income, and farm occupation.

Labor Expenditures Help Determine Farms Affected by Immigration Reform. 16 pp. April 1989. **Stock # AIB-557. \$7.50.** Focuses on farms that reported labor expenditures in 1986 in terms of commodities produced, sales class, and location to identify farms most vulnerable to a reduced supply of farmworkers.

Where Do Farm Households Earn Their Income? 8 pp. February 1989. **Stock # AIB-560. \$7.50.** Examines the relative importance of farm and off-farm sources of income by type of farm, farm size, region, and proximity to metro employment centers.

Estimating Farm Labor Elasticities to Analyze the Effects of Immigration Reform. 20 pp. February 1990. **Stock # AGES 9013. \$9.00.** Uses a simultaneous equation model to measure the effect of the Immigration Control Act of 1986 on the U.S. farm labor market.

Nonfarm Employment of Farm Operators, Hired Farmworkers, and Unpaid Farmworkers. 20 pp. January 1990. **Stock # AER-624. \$7.50.** Looks at age of worker, education level, minority status, head of household status, days spent doing farmwork, and residence in metropolitan areas and how these factors affect hired farmwork.

Agriculture-Related Employment: Farm Commodity Programs and Rural Economies. 16 pp. September 1990. **Stock # AIB-613. \$7.50.** Describes the modern food and fiber complex and Government commodity programs and how they affect nonmetro economics and employment.

A Geographic Analysis of Seasonal Agricultural Services Farms. 19 pp. March 1992. **Stock # AIB-645. \$7.50.** This report details labor expenditure data to determine location and types of seasonal agricultural services (SAS) farms (36 percent of them in Florida and California) that used the most farm labor.

Characteristics of Agricultural Work Force Households, 1987. 8 pp. August 1990. **Stock # AIB-612. \$7.50.** Spotlights those households most affected by farm job loss.

Farm Operations and Finance

Structural Change in the U.S. Farm Sector, 1974-87: 13th Annual Family Farm Report to Congress. 25 pp. May 1992. **Stock # AIB-647. \$9.00.** Finds that the trend toward fewer but larger farm slowed during the 1970's and 1980's, with the agricultural sector displaying business returns and household income comparable with nonfarm sectors.

The U.S. Farming Sector Entering the 1990's: Twelfth Annual Report on the Status of Family Farms. 72 pp. June 1990. **Stock # AIB-587. \$12.00.** Finds that the U.S. farm sector entered the 1990's in a much-improved financial position after the financial difficulties of the early and mid-1980's.

Farm Structural Trends in the 1980's. 6 pp. June 1990. **Stock # AIB-605. \$7.50.** A snapshot of the farm sector, covering trends in farm numbers, size, sales, asset values, operator characteristics, and farmland, based on 1987 Census of Agriculture data.

Farm Business Balance Sheet, 1960-91: United States and by State. 228 pp. May 1993. **Stock # SB-856. \$15.00.** This report furnishes the latest farm business balance sheet estimates developed by ERS.

Using Cash, Futures, and Options Contracts in the Farm Business. 42 pp. April 1993. **Stock # AIB-665. \$9.00.** Shows that contracting enables farmers to reduce income uncertainty by assuring prices and outlets for their crops.

Limited Opportunity Farm Households in 1988. 12 pp. February 1993. **Stock # AIB-662. \$6.00.** Discusses implications of a 1988 survey that shows 200,000 farm operator households had limited economic opportunities.

Financial Performance of U.S. Farm Businesses, 1987-90. 174 pp. December 1992. **Stock # AER-661. \$15.00.** Finds that farm businesses in 1990 were in the strongest financial condition since 1984, based on their overall financial performance.

State-Level CCC Nonrecourse Crop Loan Activity, 1985-91. 79 pp. December 1992. **Stock # SB-847. \$12.00.** The data in this report, covering 16 crops, are used in estimating gross farm income and its component cash receipts and government payment accounts.

Monthly Cash Receipts from Farm Marketings, 1972-91. 113 pp. December 1992. **Stock # SB-845. \$12.00.** Summarizes monthly cash receipts for 12 major commodity groups to reflect production and sales at the U.S. level during 1972-91. Includes cash receipts data for three major commodity groupings (crops, livestock, and all commodities) by State.

The Economic Well-Being of Farm Operator Households, 1988-90. 173 pp. January 1993. **Stock # AER-666. \$15.00.** In inaugurating a new USDA farm household income series, this report, based on household data from the Farm Costs and Returns Survey, describes the characteristics of farm operator households, their farm businesses, and their sources of off-farm income.

Alternative Measures of Farm Output to Classify Farms by Size. 32 pp. January 1989. **Stock # TB-1749. \$9.00.** Looks at six different ways of classifying farms to determine how they are faring: three measures based on value of sales and three measures based on value of production.

Characteristics of Large-Scale Farms, 1987. 24 pp. April 1993. **Stock # AIB-668. \$9.00.** Uses 1987 data (the most recent available) and earlier Census of Agriculture data to summarize the major structural and financial characteristics of large-scale farms.

Midsized Farms in 1987. 9 pp. April 1992. **Stock # AIB-648. \$7.50.** Shows characteristics of midsized farms (commercial farms with sales of \$50,000-\$249,999) and their operators, geographic distribution, participation in Government farm programs, and commodity specialization types.

Diversity in U.S. Agriculture: A New Delineation by Farming Characteristics. 19 pp. July 1991. **Stock # AER-646. \$9.00.** Provides a starting point for assessing regional differences in the effects of alternative public policies on the farm sector. Includes a multicolor map illustrating the diversity of crops grown in various U.S. counties.

Estimating Supply Response of Multiproduct Farms. 24 pp. January 1989. **Stock # TB-1750. \$9.00.** Finds that operators of multiproduct farms make production decisions based on aggregate economic assessments, not just on isolated assessments for each crop.

Farm Businesses End the Decade With Strong Financial Performance. 21 pp. October 1990. **Stock # AIB-616. \$9.00.** Presents findings (as of January 1, 1990) on the financial performance of U.S. farms. Updates the next two listings.

Financial Characteristics of U.S. Farms, January 1, 1989: A Summary. 16 pp. July 1989. **Stock # AIB-569. \$7.50.** Summarizes information on the financial performance of farmers from the January 1, 1989, Farm Costs and Returns Survey.

Financial Characteristics of U.S. Farms, January 1, 1989. 171 pp. December 1989. **Stock # AIB-579. \$15.00.** Provides a detailed analysis of farm financial performance based on the latest information from the January 1, 1989, Farm Costs and Returns Survey.

Farm Sector Balance Sheet, Including Operator Households, 1960-89: United States and by State. 211 pp. August 1991. **Stock # SB-826. \$15.00.** Furnishes the latest farm sector balance sheet estimates developed by ERS, incorporating numerous revisions in estimating procedures and changes in data in national and State-level estimates of assets, debt, and equity.

Farm Sector Balance Sheet, Including Operator Households, 1960-89, and Excluding Operator Households, 1974-89: By Sales Class. 48 pp. November 1991. **Stock # SB-831. \$9.00.** Furnishes the latest farm sector balance sheet estimates developed by ERS. The distribution of farm assets, debt, and equity has shifted over time.

Farms Without Program Payments. 12 pp. August 1991. **Stock # AIB-630. \$7.50.** Finds that about 1.4 million farms, two-thirds of all farms, operated without direct Federal farm program support in 1987 or 1988.

Loan Repayment Problems of Farmers in the Mid-1980's. 29 pp. September 1991. **Stock # AER-649. \$9.00.** Reviews the bottom line of the 1980's farm financial crisis: farmers' loan defaults and subsequent loan losses. The financial squeeze subsided during the late 1980's, mainly through a combination of debt repayment and loan writeoffs.

Farm Financial Stress, Farm Exits, and Public Sector Assistance to the Farm Sector in the 1980's. 56 pp. April 1991. **Stock # AER-645. \$9.00.** Examines the effects of short-term economic events on farm exits, net changes in farm numbers, longrun trends in farm numbers, and public sector support for the farm sector.

Farm Financial Conditions, by Region, January 1, 1989. 12 pp. December 1989. **Stock # AIB-577. \$7.50.** Presents farm financial findings from USDA's annual Farm Costs and Returns Survey.

Farm Operating and Financial Characteristics, 1987. 168 pp. April 1990. **Stock # AGES 9032. \$15.00.** Presents an assortment of farm economic data along with statistical measures of precision for 1987.

Cash Rents for Farms, Cropland, and Pasture, 1960-89. 43 pp. October 1990. **Stock # SB-813. \$9.00.** Reports State-average cash rents for whole farms, cropland, and pasture and cash rents as percentages of rented land values during 1960-89.

ERS-NASS Monographs

Farmer Buying/Selling Strategies and Growth of Crop Farms. 132 pp. April 1989. Stock # TB-1756. \$15.00. Finds that large crop farms, with large input purchases and product sales, can often bargain for better terms than are available to smaller farms and can get better prices or access to services.

Dynamic Asset Replacement Decisions To Enhance Farm Profits. 24 pp. June 1989. Stock # TB-1758. \$9.00. Develops a model which can improve farm profitability by helping farmers determine when to rejuvenate assets instead of replacing them.

A Historical Look at Farm Income. 27 pp. May 1990. Stock # SB-807. \$9.00. Presents the national farm income statistics, dating back to 1910.

Aspects of Farm Finances: Distribution of Income, Family Income, and Direct Payments, 1986. 28 pp. April 1990. Stock # AER-630. \$9.00. Cross-classifies 1986 Farm Costs and Returns Survey data to more clearly show the diverse nature of farms and their greatly varying financial conditions.

Estimating Entry and Exit of U.S. Farms. 16 pp. March 1991. Stock # AGES 9119. \$7.50. Finds that the number of farms declined during the 1980's mostly because of fewer people starting farms rather than an increase in the rate of operators leaving farming.

Involuntary Exits from Farming: Evidence from Four Studies. 16 pp. November 1989. Stock # AER-625. \$7.50. Analyzes four cases of farm exit in southwestern Wisconsin, Texas, North Dakota, and Dodge County, Georgia, mainly during the early 1980's.

Exits from Farming in Southwestern Wisconsin, 1982-86. 24 pp. February 1990. Stock # AER-631. \$9.00. Finds that one in every five farm operators in southwestern Wisconsin left farming in the early 1980's.

Farms and Land in Farms: Final Estimates, 1979-87. 8 pp. February 1990. Stock # SB-792. \$7.50. NASS' review of 1979-87 statistics on farms and land in farms.

Farmland

Owning Farmland in the United States. 14 pp. December 1991. Stock # AIB-637. \$7.50. Looks at the concentration of landownership and characteristics of operator and nonoperator owners. Farmland ownership continues to become more concentrated in the hands of fewer people.

Leasing Farmland in the United States. 16 pp. December 1991. Stock # AGES 9159. \$7.50. Examines the extent of agricultural leasing, the characteristics of owners who lease land, and the nature of leasing arrangements.

Farmland Ownership and Renting in the United States, 1987. 12 pp. June 1991. Stock # AGES 9130. \$7.50. Summarizes information from the 1987 Census of Agriculture on owning and renting farmland. Also furnishes information on farms operated by females and blacks, types of farm operators who work off the farm, and concentration of farm corporations.



Farm Buildings and Farmland: An Analysis of Capital Formation. 50 pp. February 1992. Stock # TB-1801. \$9.00. Examines how USDA measures value of the two main physical assets and most costly inputs on the farm, land and buildings, and assesses efficiency of models used.

Urbanizing Farmland: Dynamics of Land Use Change in Fast-Growth Counties. 45 pp. August 1991. Stock # AIB-629. \$9.00. Using the popular briefing book style, this report shows that urbanization is not paving over the Nation's rural areas any more than in the past.

Trends in Ownership Transfers of Rural Land. 8 pp. May 1990. Stock # AIB-601. \$7.50. Presents findings of 1988 survey of rural land transfers to determine rate of change of rural real estate ownership.

Rural Land Transfers in the United States. 16 pp. October 1989. Stock # AIB-574. \$7.50. Using a 1988 survey, report shows that 88.4 percent of all rural land transferred each year is agricultural land, but only 4.8 percent of land transferred each year goes to nonfarmers.

Transfers of Rural Land. 4 pp. July 1989. Stock # AIB-568. \$7.50. Summarizes a 1988 nationwide survey of rural land transfers which found 4.6 percent of parcels and 3.5 percent of rural acreage changed hands in 1987.

Land Transfers, PKG-16. Includes *Trends in Ownership Transfers of Rural Land* and *Rural Land Transfers in the United States* and *Transfers of Rural Land*. Stock # PKG-16. \$14.00.

State Laws Relating to the Ownership of U.S. Land by Aliens and Business Entities, December 31, 1989. 88 pp. March 1991. Stock # AGES 9111. \$12.00. A guide for persons interested in determining the way that State laws may affect alien or business-entity ownership of U.S. land.

Farm Real Estate: Historical Series Data, 1950-92. 68 pp. May 1993. Stock # SB-855. \$12.00. Farmland value increased an average 2.4 percent per year during 1987-92, compared with an annual decline of 6.6 percent during 1981-86.

Foreign Ownership of U.S. Agricultural Land Through December 31, 1992. 60 pp. May 1993. Stock # SB-853. \$9.00. Finds that foreigners owned 14.5 million acres of U.S. agricultural land as of December 31, 1992, slightly more than 1 percent of all privately held agricultural land and 0.65 percent of all U.S. land.

Foreign Ownership of U.S. Agricultural Land Through December 31, 1992: County-Level Data. 136 pp. May 1993. Stock # SB-854. \$15.00. Presents data for each county to show the number of acres and parcels, value, country of origin, and use of foreign-owned agricultural land.

Major Uses of Land in the United States: 1987. 35 pp. January 1991. Stock # AER-643. \$9.00. Shows that 75 percent of U.S. land area in 1987 was in cropland, grassland pasture and range, and forest land. Land in nonagricultural and miscellaneous other uses, such as parks and wildlife refuges, increased by 3 percent since 1982.

Returns, Interest Rates, and Cropland Prices in Selected Regions. 18 pp. April 1990. Stock # TB-1778. \$9.00. Examines how returns to land and real interest rates on farm mortgages affect farmland prices in the Corn Belt, selected winter wheat-growing areas of Kansas, and soybean- and cotton-growing areas of the Mississippi Delta.

U.S. Grazing Lands: 1950-82. 75 pp. January 1989. Stock # SB-771. \$12.00. Examines grazing trends, demands, resources, and conditions of resources through 1982.

Metropolitan Growth and Agriculture: Farming in the City's Shadow. 20 pp. September 1989. Stock # AER-619. \$9.00. Looks at farming in metro areas.

Structural Changes in U.S. Farmland. 17 pp. June 1990. Stock # AER-617. \$9.00. Examines changes in the distribution of land, sales, and tenure among farms.

The Contribution of Speculative Bubbles to Farmland Prices. 25 pp. July 1990. Stock # TB-1782. \$9.00. Details tests for the presence of speculative bubbles in farmland prices.

Conservation and the Conservation Reserve

The Conservation Reserve Program: Enrollment Statistics for Signup Periods 1-11 and Fiscal Years 1990-92. 86 pp. November 1992. Stock # SB-843. \$12.00. Presents CRP enrollment and accomplishments.

Conservation and Environmental Issues in Agriculture: An Economic Evaluation of Policy Options. 62 pp. July 1991. Stock # AGES 9134. \$12.00. Focuses on reducing potentially adverse effects of agricultural chemicals on ground-water quality, improving surface-water quality, restoring agricultural wetlands, and extending environmental benefits on selected Conservation Reserve Program lands.

The Conservation Reserve Program: An Economic Assessment. 40 pp. February 1990. Stock # AER-626. \$9.00. Estimates the net economic benefits of the CRP.

Natural Resources and Users Benefit from the Conservation Reserve Program. 51 pp. January 1990. Stock # AER-627. \$9.00. Estimates how retiring cropland benefits natural resources under three scenarios of CRP enrollment.

Implementing the Conservation Reserve Program: Analysis of Environmental Options. 26 pp. October 1989. Stock # AER-618. \$9.00. Addresses which types of land to target to gain maximum environmental benefits from the CRP.

Soil Depletion Estimates: Version 2: A User's Guide to a Personal Computer Model for Estimating Long-Term On-site Physical and Economic Impacts of Soil Depletion. 21 pp. January 1990. Stock # AGES 9005. \$9.00. Compares shortrun and longrun effects on erosion and economic returns from alternative resource management systems.

Investments in Soil Conservation and Land Improvements: Factors Explaining Farmers' Decisions. 36 pp. January 1989. Stock # AER-601. \$9.00. Sheds new light on factors that determine farmers' investments in land improvements, including soil conservation, drainage, and land clearing.

A Permanent Wetland Reserve: Analysis of a New Approach to Wetland Protection. 16 pp. August 1990. Stock # AIB-610. \$7.50. Discusses the likely geographic distribution of a permanent wetland reserve, crop rotations likely to be affected, and potential easement and restoration costs.

Productivity and Erodibility of U.S. Cropland. 21 pp. January 1989. Stock # AER-604. \$9.00. Finds that highly erodible farmland may also be highly productive and valuable.

Soil Conservation PKG-5. Includes *Investments in Soil Conservation and Land Improvements: Factors Explaining Farmers' Decisions* and *Productivity and Erodibility of U.S. Cropland*. Stock # PKG-5. \$14.00.

Water Quality Benefits from the Conservation Reserve Program. 30 pp. February 1989. Stock # AER-606. \$9.00. Looks at the estimated \$3.5 to \$4 billion in water quality benefits that may be generated as a side effect of the Conservation Reserve Program.

Irrigated Acreage in the Conservation Reserve Program. 19 pp. July 1989. Stock # AER-610. \$9.00. Identifies the extent of marginal irrigated acreage enrolled in the CRP through 1987 and the likely amount of such land to be enrolled in the CRP.

The Conservation Reserve Program and Its Effect on Land Values. 5 pp. January 1989. Stock # AIB-554. \$7.50. Uses differences in average bids between signups (enrollment periods) to estimate an upper limit on the CRP's effects on the value of enrolled land.

Estimating the Offsite Household Damages from Wind Erosion in the Western United States. 21 pp. June 1989. Stock # AGES 8926. \$9.00. Finds that wind-caused soil erosion in some Western regions increases the need for interior and exterior cleaning, reduces recreational opportunities, and impairs health.

Soil Erosion: What Effect on Agricultural Productivity? 6 pp. January 1989. Stock # AIB-556. \$7.50. Estimates the potential losses in agricultural productivity from wind, sheet, and rill erosion.

Farm Policy

The Basic Elements of Agricultural Competitiveness, in Three Parts: Economics and Policy, Geography, History. 95 pp. March 1993. Stock # MP-1510. \$12.00. This briefing format booklet explains the basic principles of agricultural competitiveness to give a sense of where the country is headed in world agricultural trade, especially if current conditions and policies remain fixed.

Provisions of the Food, Agriculture, Conservation, and Trade Act of 1990. 168 pp. June 1991. Stock # AIB-624. \$15.00. Summarizes major provisions of the Food, Agriculture, Conservation, and Trade Act of 1990, the framework for administering agricultural and food programs during 1991-95. Includes all major commodity programs.

Changes in U.S. Agriculture and Emerging Issues for Legislation in the 1990's. 12 pp. December 1989. Stock # AIB-584. \$7.50. Outlines recent changes in the structure and financial picture of U.S. agriculture and reviews topics considered in farm legislation.

Monetary Policy: The Potential Role for Agricultural Commodity Prices. 22 pp. June 1990. Stock # TB-1779. \$9.00. Presents empirical evidence on the relationships among agricultural and nonagricultural commodity prices, general price level, monetary aggregates, interest rates, industrial production, and the exchange rate.

Agricultural-Food Policy Review: U.S. Agricultural Policies in a Changing World. 404 pp. November 1989. Stock # AER-620. \$15.00. Brings together background information for assessing today's agricultural sector and programs of the Food Security Act of 1985, and for looking at new agricultural, environmental, and rural development strategies.

Computable General Equilibrium Modeling of Agricultural Policies: Documentation of the 30-Sector FPGE GAMS Model of the United States. 68 pp. June 1991. Stock # AGES 9125. \$12.00. Explains how U.S. agricultural policies are modeled in the Farm Policy in General Equilibrium, General Algebraic Modeling System, which features: (1) farm programs modeled explicitly rather than by using ad valorem equivalents; (2) how every dollar is spent, received, and accounted for under farm programs; and (3) the idea that farm households earn nonfarm income and nonfarm households own farmland.

A Glossary of Food and Agricultural Policy Terms, 1989. 46 pp. November 1989. Stock # AIB-573. \$9.00. A guide to many terms associated with food and agricultural policies and programs.

World Food Security: The Effect of U.S. Farm Policy. 8 pp. April 1990. Stock # AIB-600. \$7.50. Defines U.S. world food security and looks at how U.S. domestic farm policies affect it.

The Basic Mechanisms of Japanese Farm Policy. 40 pp. February 1990. Stock # MP-1478. \$9.00. Illustrates the workings of Japanese farm policy, looking at rice price support and beef import restrictions.

The Japanese Presence in U.S. Agribusiness. 42 pp. June 1992. Stock # FAER-244. \$9.00. This report puts Japanese involvement in perspective and evaluates the influence of this recent phenomenon on the U.S. economy.

AAEA Award Winners PKG-7. Consists of: *The Basic Mechanisms of Japanese Farm Policy*, *The Basic Mechanisms of European Community (EC) Farm Policy*, *Multilateral Trade Reform: What the GATT Negotiations Mean to U.S. Agriculture* (short form); and *Multilateral Trade Reform: What the GATT Negotiations Mean to U.S. Agriculture* (long form). Stock # PKG-7. \$25. (Limited supplies; please call to verify availability.)

Basic Mechanisms of U.S. Farm Policy

The Basic Mechanisms of U.S. Farm Policy: How They Work, with Examples and Illustrations. 88 pp. January 1990. Stock # MP-1479. \$12.00. Describes in plain English the key concepts of how U.S. farm policy works. Takes you step by step through the major programs. Separated into three, easy-to-follow sections. Also available in separate volumes, as shown below.

The Basic Mechanisms of U.S. Farm Policy, Part One: Target, Loan & Deficiency. 28 pp. May 1989. Stock # MP-1470. \$7.50.

The Basic Mechanisms of U.S. Farm Policy: Part Two: Deficiency Payments, Certificates, and PIK & Roll. 32 pp. December 1989. Stock # MP-1476. \$9.00.

The Basic Mechanisms of U.S. Farm Policy: Part Three: Export Enhancement, FOR, Marketing Loans, Disaster Payments, and CRP. 28 pp. December 1989. Stock # MP-1477. \$9.00.

CAP Reform: A New Era for EC Agriculture. 12 pp. June 1993. Stock # AIB-674. \$6.00. Finds that the European Community's reform of its Common Agricultural Policy will alter EC production, consumption, and trade of most major commodities beginning in the 1993/94 marketing year.

The Basic Mechanisms of European Community (EC) Farm Policy. 28 pp. August 1990. Stock # MP-1485. \$9.00. Illustrates the effects of target, intervention, and threshold prices, plus levies and refunds.

The 1990 Farm Act and the 1990 Budget Reconciliation Act: How U.S. Farm Policy Mechanisms Will Work Under New Legislation. 40 pp. December 1990. Stock # MP-1489. \$9.00. This popular booklet explains the main features of the new 5-year farm law in easy-to-follow pages of illustrative material. These verbal graphics act as a self-programmed instruction method, leading the reader from one point to the next. The booklet works in the same general way as an informal briefing that makes its points step by step with overhead transparencies. Its focus is on program commodities.

Food

Food Spending in American Households, 1980-88. 104 pp. May 1991. Stock # SB-824. \$12.00. Presents information on trends in household food expenditures for major food groups by selected demographic factors for 1980-88.

Food Cost Review, 1991. 50 pp. August 1992. Stock # AER-662. \$9.00. This popular annual report presents USDA's findings on the 1991 farm-to-retail price spread. Food prices increased 2.9 percent in 1991, half the 1990 price rise.

Changes in Food Consumption and Expenditures in American Households During the 1980's. 94 pp. December 1992. Stock # SB-849. \$12.00. Presents information on the quantity and dollar value of food consumption in American households for 1977-78 and 1987-88 by selected socioeconomic and demographic characteristics.

Food Costs . . . From Farm to Retail in 1992. 12 pp. April 1993. Stock # AIB-669. \$6.00. Analyzes food cost changes and explores how the food dollar is distributed among farmers, food processors, and marketers.

Food Marketing Review, 1991. 137 pp. March 1992. Stock # AER-657. \$15.00. This perennial best seller examines developments in the U.S. food marketing system. Although retail sales in the food marketing system showed recession-led declines in 1990 and 1991, food manufacturers and retailers continued to boost profitability because of stable wages and producer prices and streamlining of operations.

The Food Marketing System in 1991-92. 16 pp. December 1992. **Stock # AIB-659. \$7.50.** Sales slowed for the third consecutive year in 1992 in the food system, but profitability from operations remained the same and after-tax profits increased.

How Did Household Characteristics Affect Food Spending in 1980-88? 17 pp. February 1992. **Stock # AIB-643. \$9.00.** Looks at trends in U.S. per capita consumption of total food, food at home, and food away from home using the latest data from annual surveys of urban household food spending for 1980 to 1988.

From Farming to Food Service: The Food and Fiber System's Links with the U.S. and World Economies. 37 pp. January 1992. **Stock # AIB-640. \$9.00.** This report examines the role of farming in the food and fiber sector, the interaction between the food and fiber sector and the rest of the U.S. economy, and its linkages through trade with the world economy.

The Food Marketing Revolution, 1950-90. 8 pp. August 1991. **Stock # AIB-627. \$7.50.** Looks at some of the changes in population, lifestyle, income, and attitudes which significantly changed the food marketing system: a boom in supermarkets, greater diversity among supermarkets, fewer but larger wholesaling firms, growth in away-from-home eating, and internationalization of manufacturing.

Rearranging the Economic Landscape: The Food Marketing Revolution, 1959-91. 165 pp. September 1992. **Stock # AER-660. \$15.00.** This report examines the changes in the marketing of farm and food products since 1950 and the factors that have caused such change.

Food Spending by Female-Headed Households. 60 pp. July 1992. **Stock # TB-1806. \$12.00.** The study analyzes the influence of household type on food expenditure patterns, after controlling for income and other socio-economic characteristics.

U.S. Food Spending and Income: Changes Through the Years. 19 pp. January 1991. **Stock # AIB-618. \$9.00.** Explores relationships that have contributed to increases in U.S. food spending over the years and the decline in food spending's share of personal income.

U.S. Demand for Food: A Complete System of Quantity Effects on Prices. 60 pp. July 1991. **Stock # TB-1795. \$12.00.** Explores a large-scale U.S. demand system, providing empirical estimates based on 39 food categories and 1 nonfood sector.

Construction of True Cost of Food Indexes from Estimated Engel Curves. 40 pp. May 1991. **Stock # TB-1787. \$9.00.** Compares estimated indexes of the true cost of food with the Consumer Price Index for households of differing characteristics.

The Effect of Food Stamps and Income on Household Food Expenditures. 27 pp. July 1991. **Stock # TB-1794. \$9.00.** Reexamines past estimates of the effect of income and food stamp benefits on food expenditures.

Generic Promotion of Agricultural Products: Balancing Producers' and Consumers' Needs. 6 pp. July 1989. **Stock # AIB-565. \$7.50.** Examines policy issues involved in Government-authorized generic advertising programs.

Data for Food Demand Analysis: Availability, Characteristics, Options. 48 pp. April 1990. **Stock # AER-613. \$9.00.** Discusses the availability, characteristics, and derivation of time series for food consumption, food prices, food expenditures, and income for use in food demand analysis.

Supermarket Prices and Price Differences: City, Firm, and Store-Level Determinants. 68 pp. December 1989. **Stock # TB-1776. \$12.00.** Investigates how much supermarket prices vary, both among firms within cities and among firms in different cities, and the reasons for these differences.

Effects of Advertising on the Demand for Cheese and Fluid Milk. 30 pp. October 1991. **Stock # AGES 9154. \$9.00.** This report uses econometric demand models to quantify the effects of advertising and other factors (price, income, substitute goods) on milk and cheese sales.

Effects of Advertising on the Demand for Cheese, January 1982-June 1989. 32 pp. August 1990. **Stock # AGES 9055. \$9.00.** Reports on research to determine what effect advertising has had on the demand for natural and processed cheese.

The Economics of Safeguarding the U.S. Food Supply. 8 pp. July 1989. **Stock # AIB-566. \$7.50.** A look at the economic issues involved in detecting and eliminating contaminants in the food supply and the challenges of incorporating new technology into workable food safety policies.

Pesticide Residues and Food Safety: Aspects of a Changing Structure. 43 pp. February 1991. **Stock # AGES 9110. \$9.00.** Explores the Delaney Clause paradox and the Environmental Protection Agency's rationale for altering the method by which pesticides are evaluated.

Economic Analysis of Electron Accelerators and Cobalt-60 for Irradiating Food. 38 pp. June 1989. **Stock # TB-1762. \$9.00.** Average costs per pound of irradiating food are similar for the electron accelerator and cobalt-60 irradiators, but initial investment costs can vary by \$1 million.

Retail to Farm Linkage for a Complete Demand System of Food Commodities. 47 pp. December 1989. **Stock # TB-1775. \$9.00.** Describes a new conceptual model to estimate the effects of demand, supply, and marketing margins on retail food prices and farm prices.

U.S. Domestic Food Assistance Programs: Lessons from the Past. 16 pp. January 1990. Stock # AIB-570. \$7.50. Describes current domestic food assistance programs, their relationships to each other, effects on food production and marketing sectors, and cost.

Futures and Options

Subsidized Put Options as Alternatives to Price Supports. 24 pp. December 1989. Stock # TB-1773. \$9.00. Compares effectiveness of a subsidized put option program to support and stabilize producer income with the current program.

Effects of a Subsidized Put Option Program and Forward Selling on Farmers' Revenue Risks. 26 pp. December 1989. Stock # TB-1777. \$9.00. Compares the effectiveness of the current commodity program for cotton, corn, soybeans, and wheat with the effectiveness of a subsidized put option program for these four commodities.

Potential for Substituting Farmers' Use of Futures and Options for Farm Programs. 75 pp. December 1989. Stock # AER-628. \$12.00. Identifies possibilities and quantifies the effects of policy alternatives that involve greater use of forward markets.

Futures, Options, and Farm Programs: Report to Congress on a Study Mandated by the Food Security Act of 1985. 28 pp. January 1990. Stock # AGES 9003. \$9.00. Looks at how farmers might use futures and options markets, the price stability and income protection attainable through such use, and the effects on the Federal budget.

Inputs

Estimating Forage Values for Grazing National Forest Lands. 68 pp. October 1989. Stock # AGES 8951. \$12.00. Provides estimates of the ability of ranchers to pay for Forest Service grazing.

A Global Analysis of Energy Prices and Agriculture. 18 pp. September 1991. Stock # AGES 9148. \$9.00. Uses a multi-regional computable general equilibrium model to assess the longrun effects of higher energy prices on agricultural production, prices, and trade.

Optimal Cost-Sharing Programs to Reduce Agricultural Pollution. 18 pp. June 1993. TB-1820. \$9.00. This report examines the problem of designing economically efficient cost-sharing programs.

Estimation of Aggregate U.S. Demands for Fertilizer, Pesticides, and Other Inputs: A Model for Policy Analysis. 28 pp. March 1993. Stock # TB-1813. \$9.00. Presents elasticity estimates of substitution that are consistent both with data on input use and with the assumptions of commonly used CGE models.

Demand and Substitution of Agricultural Inputs in the Central Corn Belt States. 27 pp. February 1993. Stock # TB-1816. \$9.00. This study estimates shortrun and longrun elasticities for agricultural inputs, along with elasticities of substitution, using a theoretically consistent restricted profit function and a series of decomposition equations.

Sectoral Effects of a World Oil Price Shock: Economywide Linkages to the Agricultural Sector. 25 pp. October 1991. Stock # AGES 9156. \$9.00. Analyzes how a world oil price shock may affect U.S. agriculture and the rest of the economy under different macro-adjustment scenarios.

Capacity Utilization and Measurement of Agricultural Productivity. 40 pp. August 1991. Stock # TB-1798. \$9.00. Develops a theoretical model of capacity utilization and productivity measurement, estimated for 1949-87, for the U.S. farm sector.

Ethanol and Agriculture: Effect of Increased Production on Crop and Livestock Sectors. 16 pp. May 1993. Stock # AER-667. \$6.00. Finds that expanded ethanol production (5 billion gallons by the year 2000), up from a projected 1.2 billion gallons for that year, would increase U.S. farm income by as much as \$1 billion per year and dampen oil imports.

Emerging Technologies in Ethanol Production. 17 pp. January 1993. Stock # AIB-663. \$9.00. This report examines the likelihood of near- and long-term cost reductions in producing ethanol, as well as the potential of biomass (agricultural residues, municipal and yard waste, energy crops like switchgrass) to supplement corn as an ethanol feedstock.

Ethanol and U.S. Agriculture. 8 pp. January 1989. Stock # AIB-559. \$7.50. Assesses contribution of ethanol production to national objectives on energy, environment, and trade policy.

Economics of Ethanol Production in the United States. 20 pp. March 1989. Stock # AER-607. \$7.50. Evaluates structural characteristics of the ethanol industry, including economies of scale and the relative economics of wet- and dry-mill plants.

Ethanol PKG-4. Includes *Ethanol and U.S. Agriculture* and *Economics of Ethanol Production in the United States*. Stock # PKG-4. \$10.00.

Global Trade in Agricultural Inputs. 88 pp. September 1990. **Stock # SB-812. \$12.00.** Gives historical perspective and statistics on the extent and direction of international trade in manufactured agricultural inputs and agricultural genetic materials.

The Economic Cost of Unemployment and Underemployment. 28 pp. May 1989. **Stock # AGES 8917. \$9.00.** Describes the procedure used to estimate the magnitude of lost earnings due to both underemployment and unemployment.

Economic Returns to Boll Weevil Eradication. 31 pp. September 1989. **Stock # AER-621. \$9.00.** Evaluates returns of a pest control program in a large geographical area and the joint efforts of farmers and public agencies, in contrast to pest control efforts by individuals, which can be less successful.

Intellectual Property Rights and the Private Seed Industry. 19 pp. **Stock # AER-654. \$9.00.** November 1991. Examines the intellectual property rights that provide seed companies with property ownership to the seed varieties and hybrids that they develop.

Elasticities of Fertilizer Demands for Corn in the Short and the Long Run: A Cointegrated and Error-Correcting System. 13 pp. August 1991. **Stock # AGES 9137. \$7.50.** Estimates a set of dynamic demand models for nitrogen, phosphate, and potash use in corn production, which accounts for nearly half of total U.S. fertilizer nutrient use.

A Direct Approach for Estimating Nitrogen, Phosphorus, and Land Demands at the Regional Level. 17 pp. March 1991. **Stock # TB-1786. \$9.00.** Finds that estimates of fertilizer and land demands in the Corn Belt reveal profit-maximizing input elasticities of demand.

Forecasting Retail Fertilizer Prices: A Combined Time-Series Regression Analysis Approach. 14 pp. April 1991. **Stock # TB-1789. \$9.00.** Combines a regression and time-series analysis to develop a reliably accurate short-run price forecasting model of retail fertilizer prices.

Fertilizer Trade Statistics, 1970-91, by Harry Vroomen and Harold Taylor. 44 pp. January 1993. **Stock # SB-851. \$9.00.** Covers U.S. imports and exports of nitrogen, phosphate, and potash, and U.S. import origins and export destinations for selected fertilizer materials.

Fertilizer Use and Price Statistics, 1960-91. 68 pp. November 1992. **Stock # SB-842. \$12.00.** Includes quarterly or semiannual time series for retail fertilizer prices, annual retail and wholesale fertilizer price indexes, fertilizer consumption by plant nutrient and major selected products, consumption of mixed fertilizers and secondary and micronutrients, and more.

Seven Farm Input Industries. 125 pp. September 1990. **Stock # AER-635. \$15.00.** Describes seven industries that provide resources for farming (fertilizer, pesticides, energy, feed, credit, farm machinery, and hired labor) and explains the situation of the industries during 1966-86.

Tractor Depreciation and Technical Change: A Case Study of 60-Horsepower Tractors. 20 pp. February 1990. **Stock # TB-1772. \$7.50.** Examines physical depreciation and technical change in farm tractors to quantify changes in this type of capital.

Climate Change: Economic Implications for World Agriculture. 32 pp. October 1991. **Stock # AER-647. \$9.00.** This report attempts to increase understanding of how climate change may affect U.S. and world agriculture. It explores how agriculture contributes to greenhouse gas emissions, discusses consequences of climate change for economic activities, and examines effects on regional crop yields expected to result from broad changes in climate.

Major World Crop Areas and Climatic Profiles. 163 pp. **Stock # AH-664. \$8.00.** Identifies key U.S. and foreign regions, concentrated production zones, and the normal timing of critical crop stages for 13 major crops.

Weather in U.S. Agriculture: Monthly Temperature and Precipitation by State and Farm Production Region, 1950-90. 129 pp. January 1992. **Stock # SB-834. \$12.00.** Presents 1950-90 monthly temperature and precipitation data for the 48 contiguous States.

Effects of the 1988 Drought on Farm Finances. 16 pp. August 1990. **Stock # AIB-611. \$7.50.** This evaluation of the 1988 drought's effects on farm finances finds that nine States in the Upper Midwest received 70 percent of Federal crop damage payments and 40 percent of the livestock feed disaster payments made through August 1989.

Irrigation and Water Use

Cotton Production and Water Quality: Economic and Environmental Effects of Pollution Prevention. 44 pp. December 1992. **Stock # AER-664. \$9.00.** Finds that environmental damage to surface and ground water posed by cotton farming may be reduced, with only limited effects on yields and prices, if restrictions on agrichemical use or production are applied to just those acres most vulnerable to water-quality problems.

Agricultural Irrigation and Water Use. 128 pp. January 1992. **Stock # AIB-638. \$15.00.** Uses tables and graphics to illustrate how each State distributes, uses, and manages its water resources.

ERS-NASS Monographs

Estimating Water Quality Benefits: Theoretical and Methodological Issues. 28 pp. September 1992. Stock # TB-1808. \$9.00. Reviews practical approaches and theoretical foundations for estimating the economic value of changes in water quality to recreation, navigation, reservoirs, municipal water treatment and use, and roadside drainage ditches.

Irrigation PKG-3. Includes *Water Conservation Through Irrigation Technology* and *Agricultural Use of Federally Supplied Irrigation Water, 1979-86*. Stock PKG-3. \$14.00.

Agricultural Use of Federally Supplied Irrigation Water, 1979-86. 70 pp. December 1989. Stock # SB-788. \$12.00. Describes trends in cropping patterns and Bureau of Reclamation water use for 1979-86.

Water Conservation Through Irrigation Technology. 12 pp. November 1989. Stock # AIB-576. \$7.50. Finds that new equipment and advanced water management practices conserve water without sacrificing crop yields.

Economics of Controlling Sediment from Irrigation: An Idaho Example. 32 pp. September 1989. Stock # AGES 8933.

\$9.00. Summarizes the results of the evaluation of Idaho's Rock Creek Rural Clean Water Program project, an experimental program aimed at providing experience and insights for future nonpoint pollution control programs.

Irrigated Agriculture in the United States: State-Level Data. 72 pp. January 1989. Stock # SB-767. \$12.00. Presents previously unreported State-level data on the structure and characteristics of irrigated farms in Arkansas, Louisiana, Florida, and the 17 Western States.

Factor Demand in Irrigated Agriculture Under Conditions of Restricted Water Supplies. 13 pp. July 1989. Stock # TB-1765. \$7.50. Uses a whole-farm irrigation management model to look at several scenarios of limited water supply.

Water Allocation Tradeoffs: Irrigation and Recreation. 21 pp. June 1990. Stock # AER-634. \$9.00. Develops a procedure for estimating the marginal value of water used for fishing that includes the effects of upstream diversions on all points downstream.



A User's Manual for the Irrigation Production Data System (IPDS). 68 pp. April 1989. Stock # AGES 8910. \$12.00. Documents IPDS, a Lotus 1-2-3 microcomputer database, its structure, data, and computer requirements, and describes other characteristics of the system.

Public Policies in Water-Resource Use: Their Effect on Groundwater Mining and Surface-Water Imports. 35 pp. July 1989. Stock # TB-1764. \$9.00. Analyzes the effect of public policies on the rate of groundwater use and on the timing of surface water transported into an area to satisfy regional water demand.

Economic Benefit Considerations in Selecting Water Quality Projects: Insights from the Rural Clean Water Program. 36 pp. May 1989. Stock # AGES 8918. \$9.00. Finds that projects under the Rural Clean Water Program that preserve or improve water quality in a heavily used lake or estuary appear to have the greatest potential for generating net benefits.

Economic and Technical Adjustments in Irrigation Due to Declining Ground Water. 35 pp. February 1990. Stock # AGES 9018. \$9.00. Examines changes that irrigators are likely to make as the cost of water rises because of increasing pumping lift and declining well yields in groundwater areas.

New Technology

Public Regulation of Agricultural Biotechnology Field Tests: Economic Implications of Alternative Approaches. 19 pp. August 1991. Stock # TB-1793. \$9.00. Examines four general types of regulatory approaches to limit public risk from field testing: a fixed-cost regulatory standard, a marginal-cost standard, a property rule (environmental bond), and a liability rule.

Biotechnology and Agriculture: Emergence of Bovine Somatotropin (bST). 28 pp. June 1990. Stock # AGES 9037. \$9.00. Updates and extends a 1987 study of bST and the dairy industry.

Implications of New Technology for the Livestock Sector: Animal Growth Hormones. 18 pp. September 1991. Stock # AIB-626. \$7.50. Looks at issues surrounding use of growth hormones, including their effects on structure of U.S. agriculture, consumer benefits, and food safety and quality.

Issues Raised by New Agricultural Technologies: Livestock Growth Hormones. 40 pp. April 1989. Stock # AER-608. \$9.00. Looks at the changes to be expected if all livestock were treated with growth hormones.

Chemigation: A Technology for the Future? 16 pp. July 1990. Stock # AIB-608. \$7.50. Defines and describes chemigation, the use of an irrigation system to apply chemicals to soils and plants. Also discusses benefits as well as management and resource considerations.

International Technology Transfer in U.S. Agriculture. 12 pp. August 1989. Stock # AIB-571. \$7.50. Discusses implications of and reasons for private sector expansion into agricultural research and technology transfers.

How Technological Progress and Government Programs Influence Agricultural Land Values. 12 pp. January 1990. Stock # AIB-582. \$7.50. Examines the mix of forces leading to the longrun increase in land values.

Rural Issues

The Family Support Act: Will It Work in Rural Areas? 225 pp. April 1993. Stock # RDRR-83. \$15.00. Finds that although the FSA should help some rural families escape the welfare rolls, it is not a cure-all for poverty.

Agricultural and Rural Economic and Social Indicators. 61 pp. March 1993. Stock # AIB-667. \$12.00. This guide provides descriptions and illustrative samples of available statistics from the agricultural and rural economic and social indicators published by ERS.

Tourism as a Rural Economic Development Tool: An Exploration of the Literature. 33 pp. August 1992. Stock # BLA-122. \$9.00. This annotated bibliography presents studies from economics and other social sciences that explore tourism, a popular rural economic development tool.

Nonmetro, Metro, and U.S. Bank-Operating Statistics, 1990. 61 pp. November 1992. Stock # SB-846. \$12.00. Highlights differences between nonmetro and metro bank operations by presenting different operating statistics for each. Bank numbers dropped more slowly in nonmetro areas than metro areas during 1990.

From the Grassroots: Profiles of 103 Rural Self-Development Projects. 109 pp. April 1991. Stock # AGES 9123. \$15.00. A look at how some rural localities in the 1980's relied on their own financial and organizational resources to initiate projects generating jobs or income, including community-based development, local business and industry, and tourism and historical development.

The Role of the Elderly's Income in Rural Development. 23 pp. January 1991. Stock # RDRR-80. \$9.00. Examines the elderly's sources of income that could form an economic base for rural development. Finds that income of the elderly can help stabilize local economies and even create jobs.

An Update: The Diverse Social and Economic Structure of Nonmetropolitan America. 38 pp. May 1990. Stock # AGES 9036. \$9.00. Updates a 1979 classification system of nonmetro counties developed by ERS that identified rural counties according to their economic and social structure.

Effects of Population Growth and County Type on Farm Structure, 1970-80. 20 pp. August 1989. Stock # AGES 8937. \$7.50. Examines whether farm structure is affected by change in community characteristics, and if these structural effects differ by the community's metro-nonmetro status.

Rural America: Economic Performance, 1989. 24 pp. August 1990. Stock # AIB-609. \$9.00. Finds that rural America's economy in 1980-89 was more sluggish than the urban economy and continued to undergo industrial restructuring.

A State-Level Examination of Metro/Nonmetro Per Capita Income Inequality, 1979-87. 104 pp. May 1991. Stock # AGES 9108. \$12.00. Explores on a State-by-State basis the issue of income inequality between the metro and nonmetro populations and among nonmetro counties.

Patterns of Change in the Rural Economy, 1969-86. 36 pp. December 1989. Stock # RDRR-73. \$9.00. Analyzes changes in county data on labor force, employment, and income for metro and nonmetro counties.

Rural-Urban Continuum Codes for Metro and Nonmetro Counties. 38 pp. April 1990. Stock # AGES 9028. \$9.00. Provides a one-digit code for each of 10 classifications for all U.S. counties.

The Economic Well-Being of Nonmetro Children. 43 pp. March 1991. Stock # RDRR-82. \$9.00. Analyzes the economic well-being of children living in families with at least one parent present, by metro-nonmetro residence, using data supplement to the 1988 Current Population Survey.

Explanatory Guide to the ERS Metro and Nonmetro Labor Force and Income Data Diskette. 24 pp. August 1989. Stock # AGES 8939. \$9.00. Explains the labor force, employment, and income data included on the ERS Metro and Nonmetro Labor Force and Income Data Diskette (stock # 88013).

State-Level Comparisons of Metro and Nonmetro Economic Performance, 1979-86. 25 pp. November 1989. Stock # AGES 8960. \$9.00. Presents State-level data for 1979-86 on metro and nonmetro population, employment, and income, and describes individual States based on the relative economic performance of their metro and nonmetro areas.



Jobs and Earnings in Nonmetro Industry, 1987. 12 pp. February 1990. **Stock # AIB-589. \$7.50.** Finds that non-metro job growth accelerated, and real earnings grew, but more slowly in 1987 than in 1982-86.

Work and Poverty in Metro and Nonmetro Areas. 19 pp. June 1991. **Stock # RDRR-81. \$9.00.** Discusses worker poverty rates, which were 10 percent in nonmetro areas in 1989, compared with 5.7 percent in metro areas.

Macroeconomic Shocks: Effects on the General Economy, Agricultural Prices, and Rural Unemployment. 29 pp. August 1991. **Stock # AGES 9143. \$9.00.** Features a structural, simultaneous equation model of quarterly frequency based on the Neoclassical-Keynesian Synthesis of macroeconomic theory.

Macroeconomic Impacts on Nonmetro Unemployment: Preliminary Research. 19 pp. August 1991. **Stock # AGES 9141. \$9.00.** Develops and discusses a model of the non-metro unemployment rate, and analyzes regional sectors and county type within the nonmetro aggregate.

Metro/Nonmetro Funding Allocation Under Title II-A, Job Training Partnership Act. 26 pp. November 1990. **Stock # AGES 9071. \$9.00.** The Job Training Partnership Act's (JTPA) Title II program is the main Federal effort to improve employability of the economically disadvantaged.

Targeting Aid to Distressed Rural Areas: Indicators of Fiscal and Community Well-Being. 54 pp. November 1990. **Stock # AGES 9067. \$12.00.** Finds that commonly used indicators of fiscal and community well-being, such as unemployment, tax effort, and population size, disproportionately favor urban areas over rural ones.

The Rapid Rise in State Per Capita Income Inequality in the 1980's: Sources and Prospects. 21 pp. January 1991. **Stock # AGES 9104. \$9.00.** Finds that State per capita incomes diverged beginning in 1979, reversing a 50-year trend.

Status of the Nonmetro Labor Force, 1987. 26 pp. September 1990. **Stock # RDRR-79. \$9.00.** Develops indicators of labor market conditions and uses them to show that nonmetro workers faced generally more unfavorable employment conditions than metro workers in 1987.

Employment Stability Among Workers: A Case Study from Nine Nonmetro Kentucky Counties, 1979. 26 pp. July 1989. **Stock # AGES 8931. \$9.00.** Shows that even during a period of rapid growth (1974-79) in south central Kentucky, employment was disrupted for some workers.

Political Leaders as Entrepreneurs? Economic Development in Small Communities. 33 pp. October 1990. **Stock # RDRR-77. \$9.00.** Reviews 17 successful cases of small town development, which compare project initiators and their

actions, and suggest several critical differences between local political leadership and entrepreneurship.

Entrepreneurship Theories and Their Use in Rural Development: An Annotated Bibliography. 88 pp. April 1989. **Stock # BLA-74. \$12.00.** A guide to theoretical material and to more recent empirical work on entrepreneurs in different economic climates.

Survival and Growth of Independent Firms and Corporate Affiliates in Metro and Nonmetro America. 24 pp. February 1990. **Stock # RDRR-74. \$9.00.** Reveals that local, independent firms survived better and grew faster than corporate affiliates in nonmetro areas.

Nonmetro Development PKG-2. *Includes Survival and Growth of Independent Firms in Metro and Nonmetro America and The Importance of Transfer Payments in Nonmetro America.* **Stock PKG-2. \$12.00.**

Assessment of Wastewater Treatment Facilities in Small Communities. 19 pp. August 1991. **Stock # AGES 9140. \$9.00.** Examines the condition of wastewater treatment facilities in communities of no more than 10,000 people.

Public Water Supply in Rural Communities: Results from the National Rural Community Facilities Assessment Study. 50 pp. January 1989. **Stock # AGES 894. \$9.00.** Presents estimates on public water facilities serving rural communities.

Effects of Fiscal Policy on Agriculture and the Rural Economy. 24 pp. June 1991. **Stock # AGES 9131. \$9.00.** Explores preliminary ideas for addressing questions of fiscal policy effects on agriculture and the rural economy.

Geographic Distribution of Federal Funds in 1985. 109 pp. March 1989. **Stock # AGES 897. \$9.00.** Examines the metro/nonmetro distribution of Federal funds in fiscal year 1985.

The Drought of 1988: Effects on the U.S. Food and Fiber Sector and on Rural Communities. 53 pp. January 1989. **Stock # AGES 898. \$9.00.** Presents data and information from surveys of farmers conducted during 1988.

Local Response to Federal Budget Policies: A Study of Nonmetropolitan Communities in Ohio. 41 pp. June 1989. **Stock # AGES 8924. \$9.00.** Investigates how declining Federal funding, 1981-86, affected six nonmetro counties and six small cities in Ohio.

Helping Those Who Venture: Iowa's Rural Economic Development Measures. 38 pp. September 1990. **Stock # AGES 9047. \$9.00.** Finds that a quarter of Iowa's State budget encompasses measures aimed at rural development.

The following reports assess the effectiveness of selected strategies for State and local governments to stimulate rural economic development in the 1990's.

Infrastructure Investment and Economic Development: Rural Strategies for the 1990's. 81 pp. December 1990. **Stock # AGES 9069. \$12.00.** Explores the effects of investing in transportation, telecommunications, and water and wastewater infrastructure to improve rural economies. The authors suggest that certain carefully selected infrastructure investments may pay off when those investments are made in places with other prerequisites for development.

Financial Market Intervention as a Rural Development Strategy. 93 pp. December 1990. **Stock # AGES 9070. \$12.00.** Describes and assesses the effectiveness of the financial system currently serving rural America. Also looks at the reasons Federal and State Governments are heavily involved in the operations of financial institutions and markets.

U.S. Trade

Diagnostic Indexes of U.S. Bilateral Trade. 20 pp. December 1992. **Stock # TB-1812. \$9.00.** Calculates measures of bilateral trade to determine how well the United States competes in specific import markets and how much the United States depends on individual foreign suppliers.

Value-Weighted Quantity Indices of Exports for High-Value Processed Agricultural Products. 368 pp. August 1991. **Stock # SB-827. \$15.00.** Finds that trade in high-value processed agricultural products doubled for the United States during 1961-86 and climbed throughout the rest of the world.

Agricultural Export Programs: Background for 1990 Farm Legislation. 66 pp. May 1990. **Stock # AGES 9033. \$12.00.** Summarizes the major U.S. export programs since World War II.

Export Demand for U.S. Corn, Soybeans, and Wheat. 30 pp. January 1991. **Stock # TB-1784. \$9.00.** Identifies the major markets for U.S. exports of corn, soybeans, and wheat, and estimates price and income elasticities for those markets to broaden the understanding of factors that affect the demand for U.S. exports.

Foreign Aid's Effect on U.S. Farm Exports: Benefits or Penalties? 52 pp. November 1989. **Stock # FAER-238. \$9.00.** Identifies conditions that increase aid-trade complementarity and implications for formulating and implementing development policy.

The Export Enhancement Program: How Has It Affected Wheat Exports? 12 pp. December 1989. **Stock # AIB-575. \$7.50.** Finds that the Export Enhancement Program raised U.S. wheat export volume, prices, and gross export revenues.

Evaluation of Export Enhancement, Dollar Depreciation, and Loan Rate Reduction for Wheat. 32 pp. April 1989. **Stock # AGES 896. \$9.00.** Finds that U.S. export enhancement bonuses may have increased the U.S. wheat price between 7 and 22 percent, U.S. wheat export volume between 10 and 31 percent, and U.S. wheat export revenue between 18 and 61 percent for the 1986/87 crop year.

Why Did U.S. Wheat Exports Expand? 8 pp. May 1989. **Stock # AIB-564. \$7.50.** Identifies factors that expanded recent wheat exports, finding that policy effectiveness changes as market conditions change.

Dockage and Foreign Material in the Grading Standards for Wheat Exports. 23 pp. December 1989. **Stock # AGES 8968. \$9.00.** Focuses on economic effects that a new grading standard would have on wheat producers, handlers, and exporters.

Apple Import Demand: Four Markets for U.S. Fresh Apples. 15 pp. December 1990. **Stock # AER-641. \$9.00.** Gives the results of an econometric analysis of four U.S. overseas apple markets and explores competition in Canada, Hong Kong, Singapore, and the United Kingdom.

Orange Import Demand: Four Markets for U.S. Fresh Oranges. 15 pp. November 1991. **Stock # AER-655. \$9.00.** U.S. fresh orange shipments are expected to increase or remain about steady in the top four importing markets: up significantly in Singapore, up moderately in Canada and Hong Kong, and about steady in the EC.

U.S. Markets for Caribbean Basin Fruits and Vegetables: Selected Characteristics for 17 Fresh and Frozen Imports, 1975-87. 200 pp. March 1991. **Stock # SB-821. \$15.00.** Provides annual and monthly overviews and a database from 1975-87 for U.S. production, trade, consumption, and prices of 15 fresh fruits and vegetables and 2 frozen vegetables.

U.S. Agricultural Trade with the Developed Pacific Rim, 1968-88. 80 pp. May 1990. **Stock # AGES 9035. \$12.00.** This statistical compendium presents data on U.S. agricultural exports and imports with the developed Pacific Rim countries.

Exchange Rates and U.S. Agricultural Trade. 12 pp. January 1990. **Stock # AIB-585. \$7.50.** Finds that exchange rates are now the single most important variable in determining the economic environment for agricultural trade.

Developing Countries' High-Value Agricultural Trade: Implications for U.S. Exports. 14 pp. September 1990. **Stock # AIB-615. \$7.50.** Finds that developing countries expanded their high-value product (HVP) exports to the United States during the 1980's, while remaining as only minor markets for U.S. HVP exports.

ERS-NASS Monographs

Factor Intensity of U.S. Agricultural Trade. 36 pp. August 1990. Stock # AER-637. \$9.00. Reviews the commodity composition of U.S. agricultural exports.

The U.S. Enterprise for the Americas Initiative: Support for Western Hemisphere Economic and Trade Reform. 27 pp. April 1993. Stock # AIB-660. \$9.00. Discusses the EAI's proposed three goals: liberalizing trade, reducing debt owed to the United States by less developed countries (LDC's), and increasing foreign investment in LDC's.

Measuring the Effectiveness of the Export Enhancement Program for Poultry. 23 pp. March 1990. Stock # AGES 9016. \$9.00. Examines the economic effects of the EEP for poultry meat for 1987.

Economywide Implications of Agricultural Liberalization in the United States. 16 pp. January 1990. Stock # AGES 9008. \$7.50. Uses a 10-sector computable general equilibrium model to show how unilateral and multilateral changes in agricultural policy will affect the overall economy.

Trade and Related Issues

Agricultural Trade, Agreements, and Disputes in the Western Hemisphere. 43 pp. June 1989. Stock # AGES 8928. \$9.00. Assesses major bilateral and multilateral arrangements guiding agricultural trade relations among Western Hemisphere countries.

Bibliography of Research on Agricultural Trade Policy Reform. 33 pp. September 1991. Stock # AGES 9147. \$9.00. This report lists ERS research products related to GATT negotiations and other questions regarding agricultural trade reform outside the United States.

Global Competitive Advantages and Overall Bilateral Complementarity in Agriculture: A Statistical Review. 214 pp. December 1992. Stock # SB-850. \$15.00. Provides a time-series statistical overview of agricultural trade by the United States, 113 foreign countries, and principal regions. It also provides statistics for 15 agricultural industries.

A Survey of Theoretical and Empirical Literature Related to Export Assistance. 32 pp. August 1989. Stock # AGES 8934. \$9.00. Examines the literature regarding global and targeted export assistance, including cash and payment-in-kind.

Food Aid: Motivation and Allocation Criteria. 44 pp. February 1990. Stock # FAER-240. \$9.00. Evaluates the motives that affect food aid policies and distribution, including a review of food aid from the United States, the European Community, and Canada.

Measuring Agricultural Trade Distortion: A Simple Approach. 24 pp. December 1991. Stock # AGES 9145. \$9.00. Describes an index that estimates volume of trade distortion caused by the agricultural policies of trading countries. The index could help trade analysts compare the effect on trade of agricultural support policies across countries and commodities.

Competitiveness and Protection in World Agriculture. 12 pp. July 1989. Stock # AIB-567. \$7.50. Explores what agricultural competitiveness means by using three different measures: market share, relative export advantage, and revealed competitiveness.

Agricultural Policy, Trade, Economic Growth, and Development. 191 pp. May 1989. Stock # AGES 8919. \$15.00. An overview of the salient domestic agricultural policies that have affected trade, development, and growth in Malawi, Kenya, Thailand, Malaysia, Ecuador, and Guatemala.

Three Measures of Trade Dependence: A Critique. 25 pp. April 1992. Stock # AGES-9213. \$9.00. This report develops a new index, the "trade dependence index," to better serve the needs of trade researchers. The index specifies a country's trade dependence on a scale between 0 and 100.



Exporting Processed Instead of Raw Agricultural Products. 20 pp. November 1989. *Note: Limited supplies; call to verify availability.* Stock # AGES 8958. \$7.50. Examines the national output, income, and employment effects for selected raw commodity/processed commodity combinations.

Price Transmission Elasticities in the Trade Liberalization (TLIB) Database. 22 pp. April 1990. Stock # AGES 9034. \$9.00. Documents price transmission elasticities available in ERS' TLIB database.

The CPPA Model-Builder: Technical Structure and Programmed Options in Version 1.3. 108 pp. August 1991. Stock # AGES 9144. \$12.00. Describes CPPA (Country Projections and Policy Analysis), a spreadsheet-based, program-driven system that facilitates the specification of price linkages and economic relationships in agricultural markets.

Foreign Debt, Capital Formation, and Debtor Behavior. 32 pp. July 1989. Stock # TB-1767. \$9.00. Finds that problem debtor countries, with over \$10 billion in external debt, used their borrowed funds to invest less and consume more than a comparable group of debtors without repayment problems.

Testing for the Impact of Inflation on Import Demand Functions. 20 pp. January 1989. Stock # AGES 893. \$7.50. (*Note: Limited supplies; call to verify availability.*) Suggests inflation does influence importers' demand, contrary to standard assumptions.

The Specification, Estimation, and Simulation of a Small Global Macroeconomic Model. 24 pp. March 1990. Stock # AGES 9011. \$9.00. Describes the structure and simulation properties of a small global macroeconomic model (SGM).

The Political Economy of Agricultural Trade: A Review of the Literature on Domestic Policy Behavior and International Price Formation. 73 pp. January 1991. Stock # AGES 9103. \$12.00. Reviews literature on political economy as related to agricultural trade. This literature is characterized by a wide variety of models and quantitative techniques.

A Database for Trade Liberalization Studies. 160 pp. March 1989. Stock # AGES 8912. \$15.00. Presents a global database for 22 commodities and 36 regions of the world.

Differences in Agricultural Research and Productivity Among 26 Countries. 24 pp. May 1991. Stock # AER-644. \$9.00. Examines the contribution of research and other policy factors to agricultural productivity in 26 countries at various stages of economic development.

Economic Implications of Agricultural Policy Reforms in Industrial Market Economies. 73 pp. August 1989. Stock # AGES 8936. \$12.00. (*Note: Limited supplies; call to verify availability.*) Uses an 11-region, 22-commodity world net trade

model to study the economic implications of farm policy reform in industrial market economies.

Agricultural Trade Liberalization and Developing Countries. 46 pp. May 1990. Stock # AGES 9042. \$9.00. Discusses some of the potential effects of agricultural trade liberalization on the economies of developing nations, featuring a static global agricultural net trade model that contains 36 countries or regions and 22 commodities.

SWOPSIM

Incorporating Inputs in the Static World Policy Simulation Model (SWOPSIM). 34 pp. June 1990. Stock # TB-1780. \$9.00. Documents the methodology used to incorporate inputs in the trade liberalization models built with the Static World Policy Simulation Model.

Documentation of the Static World Policy Simulation (SWOPSIM) Modeling Framework. 200 pp. September 1991. Stock # AGES 9151. \$15.00. Includes detailed appendices, listings of variable definitions and model equations, a listing of a SWOPSIM demonstration model, screens of computer tutorials on SWOPSIM model building, printouts of the computer programs making up the SWOPSIM framework, and installation instructions.

Using Producer and Consumer Subsidy Equivalents in the SWOPSIM Modeling Framework. 36 pp. March 1989. Stock # AGES 8911. \$9.00. A technical review of the use of PSE's and CSE's in statistical modeling of agricultural trade.

Overview of the Static World Policy Simulation (SWOPSIM) Modeling Framework. 46 pp. March 1991. Stock # AGES 9114. \$9.00. Helps potential users understand the basic features of SWOPSIM modeling framework and evaluate its suitability for their problems.

Elasticities in the Trade Liberalization Database. 72 pp. May 1989. Stock # AGES 8920. \$12.00. From various sources, compiles the elasticities of supply and demand available in the Trade Liberalization database.

SWOPSIM PKG-9. Contains *Elasticities in the Trade Liberalization Database*; *Joint Products in the Static World Policy Simulation (SWOPSIM) Modeling Framework*; *Using Producer and Consumer Subsidy Equivalents in the SWOPSIM Modeling Framework*; *Economic Welfare Analysis: An Application to the SWOPSIM Modeling Framework*; *Economic Implications of Agricultural Policy Reforms in Industrial Market Economies*; *Overview of the Static World Policy Simulation (SWOPSIM) Modeling Framework*; and *Documentation of the Static World Policy Simulation (SWOPSIM) Modeling Framework*. A \$60 value. Stock # PKG-9. \$30.00.

Foreign Production and Trade

World Oilseed and Products Trade, 1962-88. 130 pp. January 1991. Stock # SB-819. \$15.00. Presents historical data on the volume of world trade in oilseeds, oils, and meals for 1962-88. World trade in these items more than tripled during 1962-88.

Agricultural Production Functions Estimated From Aggregate Intercountry Observations: A Selected Survey. 22 pp. June 1991. Stock # AGES 9132. \$9.00. Surveys 10 studies that test the meta-production function hypothesis, which states that intercountry agricultural production variation is partly explained by different levels of human capital.

Less Developed Countries' Performance in High-Value Agricultural Trade. 51 pp. April 1991. Stock # AGES 9118. \$9.00. Analyzes 35 less developed countries' (LDC's) exports of high-value and processed agricultural products (HVP's) during 1970-87.

Trade Dependency Index Tables for Total, Merchandise, and Agricultural Trade, 1960-88. 124 pp. February 1992. Stock # SB-835. \$15.00. Develops a "trade dependency index" (TDI) to classify countries according to their dependence on imports and exports.

World Grain Stocks: Where They Are and How They Are Used. 16 pp. May 1990. Stock # AIB-594. \$7.50. Examines policies and practices of main grain stockholding countries.

The Role of Stocks in World Grain Market Stability. 19 pp. April 1993. Stock # FAER-248. \$9.00. Over the past 12 years, world grain stocks, mainly those of the United States, the European Community, Canada, and India, have helped to stabilize supplies and to reduce the variability of world grain prices. That finding suggests that economists should examine the implications of future reductions in grain stocks, the possible result of policy changes and trade liberalization.

The Links Between Development and World Trade. 12 pp. February 1990. Stock # TB-1774. \$7.50. Determines which countries will be strong competitors or trade partners of the United States.

Estimates of Producer and Consumer Subsidy Equivalents: Government Intervention in Agriculture, 1982-87. 368 pp. April 1990. Stock # SB-803. \$15.00. Reports estimates of producer and consumer subsidy equivalents for more than 40 commodities and products in 27 countries and the EC.

World Population by Country and Region, 1950-2050. 76 pp. April 1990. Stock # AGES 9024. \$12.00. Contains estimates of world population from 1950 to the late 1980's and projections to 2050.

Europe

The European Community's Presence in U.S. Agribusiness. 29 pp. September 1992. Stock # FAER-245. \$9.00. Puts into perspective the size and extent of EC investments in U.S. agriculture during the 1980's. West European countries, especially the United Kingdom, are the principal sources of foreign investment in U.S. agricultural land and agribusinesses.

Potential Effects of Policy Reform on the European Community Sugar Market and World Sugar Prices. 24 pp. August 1991. Stock # AGES 9129. \$9.00. Examines two alternative EC sugar policy reforms. Simulations suggest that trading of production quotas within national borders would have reduced net EC sugar exports by 2.3 million metric tons and increased world sugar prices by 8 percent during 1982-86.

EC 1992: Implications for World Food and Agricultural Trade: Proceedings. 300 pp. October 1991. Stock # AGES 9133. \$15.00. This report examines the effects of the EC's collective trade agreement on internal and world food and agricultural trade.

Agricultural Statistics of the European Community, 1960-85. 123 pp. January 1989. Stock # SB-770. \$15.00. Presents a comprehensive database on the agricultural sector of the European Community.

High-Value Products: Growing U.S. and EC Competition in World Markets. 34 pp. April 1990. Stock # AGES 9022. \$9.00. Compares U.S. and EC export shares during 1970-87, showing that the EC, the world's leading exporter of high-value products, has successfully competed against the United States.

The Effects of the Common Agricultural Policy on the European Community Wheat-Washing Industry and Grain Trade. 26 pp. April 1990. Stock # AGES 9023. \$9.00. Looks at the EC wheat-washing industry, which separates wheat flour into wheat gluten and wheat starch.

Estimation and Evaluation of European Economic Community Wheat Export Subsidies. 33 pp. November 1989. Stock # AGES 8955. \$9.00. Examines the relationship between the EC export subsidies and U.S. wheat export prices.

USSR Agricultural Trade. 110 pp. August 1991. Stock # SB-808. \$12.00. Provides an overview of factors affecting Soviet agricultural trade, emphasizing grain and soybean trade.

Government Intervention in Soviet Agriculture: Estimates of Consumer and Producer Subsidy Equivalents. 38 pp. August 1991. Stock # AGES 9146. \$9.00. This study represents the first known application of the concept of PSE's and CSE's to the USSR.

ERS-NASS Monographs

Efficiency and Growth in Agriculture: A Comparative Study of the Soviet Union, United States, Canada, and Finland. 48 pp. October 1989. Stock # AGES 8954. \$9.00. Shows the slow pace of technological innovation is the main reason for slow Soviet growth.

Agricultural Outlook Special Reprint: Agriculture in the New Central Europe. 23 pp. February 1992. Stock # AGES 9205. \$9.00. This reprint of special November and December 1991 *Agricultural Outlook* articles looks at both the vanguard countries of change--Poland, Hungary, and Czechoslovakia--as well as developments in the Balkan States of Albania, Bulgaria, Romania, and Yugoslavia.

Trade Liberalization in Yugoslavia and Poland. 48 pp. August 1990. Stock # AGES 9058. \$9.00. Presents estimates of producer and consumer subsidy equivalents for Yugoslavia and Poland, using the Static World Policy Simulation framework developed by ERS.

Agricultural Policies and Performance in Central and Eastern Europe, 1989-92. 72 pp. February 1993. Stock # FAER-247. \$12.00. Finds that changes in central and eastern European agriculture in the past 3 years have meant post-reform surpluses rather than the usual tight supplies or outright shortages, but also poor farm financial performance under new terms of trade, unresolved land and asset ownership issues, and depressed demand.

Agricultural Statistics of Eastern Europe and the Soviet Union, 1965-85. 129 pp. July 1989. Stock # SB-778. \$15.00. (*Limited supplies available; please call to verify availability.*) Contains 110 tables with data on land use, farm structure, population, farm machinery, crop and livestock production, and more.

Agricultural Performance in Eastern Europe, 1988. 27 pp. August 1989. Stock # AGES 8938. \$9.00. Finds that farm output in Eastern Europe stagnated in 1988, but agricultural trade balances improved in most countries.

Latin America

Productivity and Technical Change in Brazilian Agriculture. 23 pp. November 1992. Stock # TB-1811. \$9.00. Discusses Brazil's drive to modernize its technology. The major changes in Brazilian agricultural growth over the past two decades can be traced to government subsidies that spurred modernization.

Latin America's Big Three Sugar Producers in Transition: Cuba, Mexico, Brazil. 36 pp. September 1992. Stock # AIB-656. \$9.00. A profile of the sugar industries in Cuba, Mexico, and Brazil, this report provides benchmark data and analysis to judge the direction they may take into the later 1990's.

Testing Two Trade Models in Latin American Agriculture. 27 pp. January 1992. Stock # AGES 9203. \$9.00. Finds that Latin American agricultural trade is primarily driven by country differences in relative factor abundance rather than technology differences, a conclusion mostly consistent with both the Heckscher-Ohlin and Markusen propositions.

Government Intervention in Latin American Agriculture, 1982-87. 160 pp. September 1991. Stock # AGES 9152. \$15.00. Examines how government intervention, especially import-substitution strategies, affected agricultural markets during 1982-87 in the six largest Latin American economies: Argentina, Brazil, Chile, Colombia, Mexico, and Venezuela.

Peru: An Export Market Profile. 74 pp. December 1989. Stock # AGES 8953. \$12.00. Identifies Peru as a potentially limited commercial market for U.S. farm commodities in the current economic climate.

Risk Aversion Through Nontraditional Export Promotion Programs in Central America. 19 pp. December 1990. Stock # AGES 9074. \$9.00. Discusses the growing importance of policies by Central American countries which promote nontraditional agricultural exports, such as avocados, broccoli, cantaloupes, cauliflower, cucumbers, limes, peppers, and strawberries.

Mexico

The Mexican Wheat Market and Trade Prospects. 36 pp. September 1990. Stock # AGES 9052. \$9.00. Analyzes and projects Mexican wheat supply and demand conditions in a liberalizing policy environment.

Government Intervention in the Mexican Crop Sector. 20 pp. September 1989. Stock # AGES 8940. \$9.00. Models a 50-percent reduction in Mexico's producer price subsidies over 5 years to simulate a gradual lessening of government intervention.

The Mexican Economy in the 1990's: Markets Are In; State Control Is Out. 12 pp. October 1991. Stock # AIB-635. \$7.50. Summarizes the dramatic changes in Mexico's economic policies since 1987.

Africa

Strategies for Food Security and Structural Adjustment in Sub-Saharan Africa. 12 pp. June 1992. Stock # AIB-651. \$7.50. Case studies of Kenya, Tanzania, and Zimbabwe represent the common dilemma: how to adhere to long-term economic reform while protecting vulnerable consumer groups from market inefficiencies and price shocks.

Dairy Imports in Sub-Saharan Africa and the Welfare Implications of Import Policies. 69 pp. August 1991. Stock # AGES 9142. \$12.00. Examines the welfare effects of import policies and the factors affecting dairy imports in 39 countries in the region.

Global Food Assessment. 83 pp. November 1992. Stock # GFA-3. \$12.00. Forecasts grain food aid needs for 60 developing countries for 1992/93 and 1993/94.

Export Performance in Africa. 40 pp. May 1989. Stock # AGES 8916. \$9.00. Focuses on Africa's export sector as the key to its economic recovery.

Consumption Stability and the Potential Role of Food Aid in Africa. 15 pp. June 1989. Stock # AGES 8929. \$7.50. Reports model projections for additional food aid needs in Africa in 1990 and 1995 for good and bad weather scenarios.

Soil and Water Management in West Africa: An Economic Analysis. 10 pp. September 1989. Stock # AGES 8935. \$7.50. Uses soil-water balance relationships and a whole-farm modeling approach to estimate conservation benefits on a typical farm in Mali.

Technology and Agricultural Productivity in the Sahel. 27 pp. October 1989. Stock # AER-612. \$9.00. Focuses on factors that have slowed technology transfer in the Sahel and identifies conditions necessary for transfer to occur more rapidly.

Economic Performance and Policy Adjustment: The Experience of Zimbabwe. 48 pp. May 1991. Stock # AGES 9127. \$9.00. Finds that Zimbabwe's well-being will be determined by the rate of growth of industrial countries and flexibility of its own policy adjustments in achieving sustained economic expansion.

Asia and Pacific Rim

Effects of Imports on the Puerto Rican Livestock-Meat Industry. 60 pp. March 1989. Stock # AER-605. \$9.00. Examines the Puerto Rican beef industry and discusses possible policy alternatives for addressing the industry's problems.

Agricultural Statistics of the People's Republic of China, 1949-90. 316 pp. December 1992. Stock # SB-844. \$15.00. This report contains 285 tables of agricultural statistics for China, covering land use, population, labor force, gross value of agricultural output, agricultural investment, crop production, crop sown area, state procurement, livestock inventory and slaughter, animal product output, input production and use, costs of production, and consumption.

China's Interprovincial Grain Marketing and Import Demand. 51 pp. September 1990. Stock # AGES 9059. \$9.00. Explores the possibility that China's grain import demand is a function of state policy on interprovincial grain marketing.

Agricultural Trade Between Asia/Near East Countries and the United States, 1962-86. 139 pp. January 1989. Stock # SB-774. \$15.00. Quantifies the bilateral trade between 21 Asian and Near East countries and the United States for 1962-86.

Competition in East Asia's Agricultural Import Market. 37 pp. May 1990. Stock # AGES 9040. \$9.00. Examines trends in agricultural imports in Japan, Taiwan, Korea, and Hong Kong for 1962-86, using a market share approach to assess the competitive position of the United States and other major exporters.

Thailand's Feed and Livestock Industry to the Year 2000. 84 pp. March 1990. Stock # FAER-242. \$12.00. Projects rice and poultry exports to the year 2000 under three scenarios of per capita income growth.

Reducing Support Using Aggregate Measures, Case Study: Thailand. 24 pp. July 1989. Stock # AGES 8930. \$9.00. Finds that Thailand's government support can be reduced by charging for irrigation and reimposing export taxes.

Government Intervention in Pakistan's Cotton Sector. 53 pp. June 1990. Stock # AGES 9041. \$9.00. Examines the cotton sector in Pakistan, detailing technical and economic factors underlying recent trends in area, yield, and production.

Government Intervention in Pakistan's Agricultural Economy. 28 pp. April 1990. Stock # AGES 9027. \$9.00. Uses producer and consumer subsidy equivalents to examine the nature of the Pakistani Government's interventions in the agricultural sector.

Australia, PKG-10. Includes *Longrun Competitiveness of Australian Agriculture* and *Targeting Australian Agricultural Policies for Trade Liberalization*. Stock # PKG-10. \$14.00.

Longrun Competitiveness of Australian Agriculture. 23 pp. December 1990. Stock # FAER-243. \$9.00. Identifies domestic factors that made Australian agriculture competitive since the 1950's and those most likely to determine its future competitiveness in global markets.

Targeting Australian Agricultural Policies for Trade Liberalization. 17 pp. July 1990. Stock # AGES 9050. \$9.00. Reviews the levels of assistance in Australia's agricultural sector during the 1980's and discusses how the recent reform initiatives have reduced them.

NAFTA

Agriculture in a North American Free Trade Agreement: Analysis of Liberalizing Trade Between the United States and Mexico. 167 pp. September 1992. Stock # FAER-246. \$15.00. Provides background information and analysis on the agricultural aspects of a hypothetical NAFTA in which all barriers to trade are removed.

Effects of a Free Trade Agreement on U.S. and Mexican Sanitary and Phytosanitary Regulation. 13 pp. May 1992. Stock # AIB-649. \$7.50. Sanitary and phytosanitary regulations protect the United States and Mexico from foodborne diseases and other contamination in border-crossing food and agricultural products. Cooperative efforts to prevent and control infestation and infection will likely continue regardless of the reduction or removal of trade-restricting measures.

A North American Free Trade Area for Agriculture: The Role of Canada and the U.S.-Canada Agreement. 11 pp. March 1992. Stock # AIB-644. \$7.50. The U.S.-Canada Free Trade Agreement (CFTA) was enacted on January 1, 1989, after two and a half years of negotiations. Participation in a NAFTA is important to Canada in order to maintain its status under the CFTA and to ensure its exports to the United States are not displaced by Mexican products.

Intra-Industry Trade Indexes for Canada, Mexico, and the United States, 1962-87. 54 pp. February 1992. Stock # AGES 9206. \$9.00. Intra-industry trade, the simultaneous importing and exporting of goods from the same industry classification, tends to be higher for the United States and Canada than for Mexico.

GATT Reports

How Level is the Playing Field? An Economic Analysis of Agricultural Policy Reforms in Industrial Market Economies. 39 pp. December 1989. Stock # FAER-239. \$9.00. Focuses on how levels of assistance to agriculture compare across countries and commodity markets and how assistance to agriculture in industrial market economies (IME's) distorted world production and trade.

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